

Building your system from the ground up



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Storm Assassin! Product Guide

- Antenna Mounts
- Ice Bridges
- Tower & Site Hardware
- Electrical & Grounding
Components
- Lightning Protection
- Custom Metal Fabrication

2015



Industrial Electrical Equipment Co.

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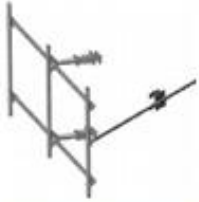
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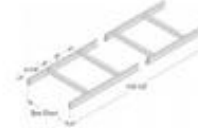
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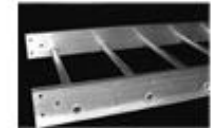
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Boom Gate - Non-Rotatable for Round Member (TC-TAM-01)

The galvanized steel antenna mount assembly is designed to include everything needed for easy ordering and installation. The innovative mounting clamps accommodate tapered faced lattice towers, allowing for easy adjustment in plumbing the antenna mount. The clamp fits tower legs ranging from 1-1/2" to 8" OD. Three 6' antenna mounting pipes and all mounting hardware is included. Note: Design requires plus or minus 5 degree position on centerline of tower leg to achieve posted wind rating.

Item #	Description	Unit	Wt (lb)
2116-8-3	8' 3 Non-Rotatable Boom Gate for Round Member with Taper Brackets, 6' Mounting Pipes and Hardware Kit Included	EA	326.00
2116-10-3	10' 3 Non-Rotatable Boom Gate for Round Member with Taper Brackets, 6' Mounting Pipes and Hardware Kit Included	EA	342.00
2116-12-3	12' 3 Non-Rotatable Boom Gate for Round Member with Taper Brackets, 6' Mounting Pipes and Hardware Kit Included	EA	357.00



Boom Gate - Rotatable for Round Member (TC-TAM-21)

This innovative mount allows the mount face to be positioned as much as 60 degrees off of the centerline of the tower leg while maintaining a level mount face and plumb antenna mounting pipes - for both tapered and guy towers. As with our other mounts, all mounting hardware is included to attach to 1-1/2" to 8" OD tower legs. The 2116R series is offered with and without antenna mounting pipes.

Item #	Description	Unit	Wt (lb)
2116R-10-3-72	10' 3 Rotatable Boom Gate for Round Member with Double Sway Bar Support - Includes (3) 72" Antenna Mount Pipes	EA	432.00
2116R-10-3-96	10' 3 Rotatable Boom Gate for Round Member with Double Sway Bar Support - Includes (3) 96" Antenna Mount Pipes	EA	455.00
2116R-10	10' 3 Rotatable Boom Gate for Round Member with Double Sway Bar Support - DOES NOT INCLUDE Antenna Mount Pipes - See 2125 Series of Antenna Mount Pipes	EA	362.00
2116R-12-3-72	12' 3 Rotatable Boom Gate for Round Member with Double Sway Bar Support - Includes (3) 72" Antenna Mount Pipes	EA	447.00
2116R-12-3-96	12' 3 Rotatable Boom Gate for Round Member with Double Sway Bar Support - Includes (3) 96" Antenna Mount Pipes	EA	470.00
2116R-12	12' 3 Rotatable Boom Gate for Round Member with Double Sway Bar Support - DOES NOT INCLUDE Antenna Mount Pipes - See 2125 Series of Antenna Mount Pipes	EA	377.00



Sector Frame - Knock Down Universal (TC-TAM-27)

The galvanized steel antenna mount assembly includes welded swing out face frames to minimize installation time. This truly universal mount attaches to round or angle leg towers without an additional interface kit and provides plus or minus 60 degrees of azimuth adjustment. The innovative mounting clamps accommodate straight and tapered faced lattice towers up to a 2:20 taper. The clamp fits towers with legs up to 8" OD round, 8"x8" 90 degree angles, or 11" tip-to-tip 60 degree angles. Antenna mounting pipe hardware is included with the mount. Antenna mount pipes must be purchased separately.

Item #	Description	Unit	Wt (lb)
2116KD-12	12' Knock-Down Universal Sector Frame with Single Sway Bar Support - Antenna Mount Pipes Sold Separately	EA	425.00



Sector Frame - Rotatable Angle Face with 1 Sway Bar (TC-TAM-20)

The galvanized steel antenna mount assembly is a sequel to our popular 2116HD series heavy duty antenna mounts. The mount assembly kit is designed to include everything needed for easy ordering and installation. The innovative mounting clamps accommodate straight and tapered faced lattice towers up to a 2:20 taper. The clamp fits tower legs ranging from 1-1/2" to 8" OD. Antenna mounting pipe hardware is included with the mount. Antenna mount pipes must be purchased separately. A minimum of three mounting pipes (one at the boom center and one at each end) must be installed to achieve posted wind rating.

Item #	Description	Unit	Wt (lb)
2116LD-10-4	10' Rotatable Angle Face Sector Frame with Single Sway Bar Support - Antenna Mount Pipes Sold Separately	EA	505.00
2116LD-12-4	12' Rotatable Angle Face Sector Frame with Single Sway Bar Support - Antenna Mount Pipes Sold Separately	EA	526.00
2116LD-14-4	14' Rotatable Angle Face Sector Frame with Single Sway Bar Support - Antenna Mount Pipes Sold Separately	EA	547.00



Sector Frame - Rotatable Angle Face with 2 Sway Bars (TC-TAM-02)

The galvanized steel heavy duty antenna mount assembly kit is designed to include everything needed for easy ordering and installation. The innovative mounting clamps accommodate straight and tapered faced lattice towers up to a 2:20 taper. The clamp fits tower legs ranging from 1-1/2" to 8" OD. Antenna mounting pipe hardware is included with the mount. Antenna mount pipes must be purchased separately. A minimum of three mounting pipes (one at the boom center and one at each end) must be installed to achieve posted wind

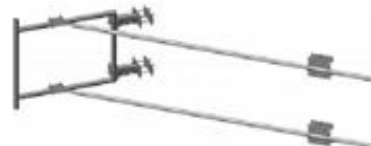
Item #	Description	Unit	Wt (lb)
2116HD-10-4	10' Rotatable Heavy Duty Sector Frame with Double Sway Bar Support - Antenna Mount Pipes Sold Separately	EA	565.00
2116HD-12-4	12' Rotatable Heavy Duty Sector Frame with Double Sway Bar Support - Antenna Mount Pipes Sold Separately	EA	586.00
2116HD-14-4	14' Rotatable Heavy Duty Sector Frame with Double Sway Bar Support - Antenna Mount Pipes Sold Separately	EA	607.00



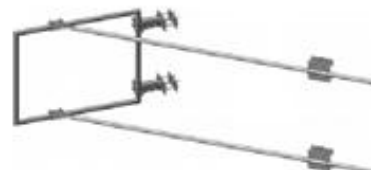
Standoff Assembly - 2 Sway Bars (TC-TAM-SAA-01)

The galvanized steel side arm assembly is used for attaching omni-directional antennas (whip type) to round leg lattice, guyed or self supporting towers. The sway bars provide excellent stability when mounting the side arm frame. The side arm frame accommodates mounting up to two omni-directional antennas. The included tower leg clamp fits 1-1/2" to 8" OD round tower legs. The side arm assembly contains all the hardware necessary for a complete installation.

Item #	Description	Unit	Wt (lb)
2113-3	3' Standoff Assembly with Double Sway Bar Support	EA	254.00
2113-4	4' Standoff Assembly with Double Sway Bar Support	EA	262.00
2113-5	5' Standoff Assembly with Double Sway Bar Support	EA	270.00
2113-6	6' Standoff Assembly with Double Sway Bar Support	EA	282.00



Illustrates 2113-3, 2113-4, 2113-5



Illustrates 2113-6

Standoff Assemblies - 1 Sway Bar (TC-TAM-SAA-02)

The galvanized steel side arm assembly is used for attaching omni-directional antennas (whip type) to round leg lattice, guyed or self supporting towers. The sway bars provide excellent stability when mounting the side arm frame. The side arm frame accommodates mounting up to two omni-directional antennas. The included tower leg clamp fits 1-1/2" to 8" OD round tower legs. The side arm assembly contains all the hardware necessary for a complete installation.

Item #	Description	Unit	Wt (lb)
2113-3-1SB	3' Standoff Assembly with Single Sway Bar Support	EA	192.00
2113-4-1SB	4' Standoff Assembly with Single Sway Bar Support	EA	200.00
2113-5-1SB	5' Standoff Assembly with Single Sway Bar Support	EA	208.00
2113-6-1SB	6' Standoff Assembly with Single Sway Bar Support	EA	220.00



Illustrates 2113-3-1SB, 2113-4-1SB, 2113-5-1SB



Illustrates 2113-6-1SB

Standoff Frame (TC-TAM-SAA-03)

Side arm frame only option for building custom mounts.

Item #	Description	Unit	Wt (lb)
7000-2113-3	3' Standoff Frame	EA	42.50
7000-2113-4	4' Standoff Frame	EA	47.40
7000-2113-5	5' Standoff Frame	EA	54.70
7000-2113-6	6' Standoff Frame	EA	70.50



Illustrates the 7000-2113-[3,4,5]

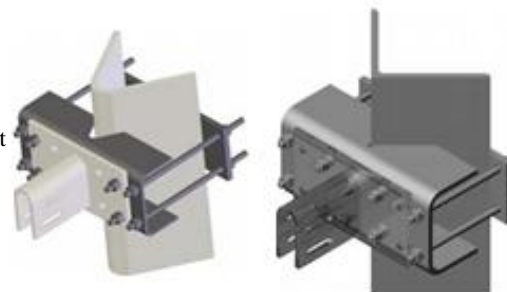


Illustrates the 7000-2116-6

Angle Leg Adapter for Taper Bracket (TC-TAM-04)

The galvanized steel angle leg adapter for the taper bracket is designed to attach our product line of lattice tower antenna mounts to angle leg towers in 60 and 90 degree configurations. This bracket serves as an adapter between the existing taper bracket and the angle tower leg. All mounting hardware is included. The taper bracket pictured is part of the lattice tower mount and is not included.

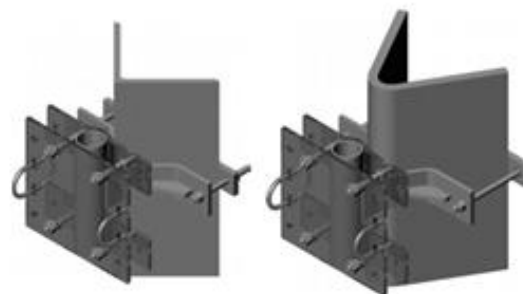
Item #	Description	Unit	Wt (lb)
2120-AA	Angle Leg Taper Bracket Adaptor, Fits both 60 Degree and 90 Degree Tower Legs	EA	27.00
2120-AA-2	(Kit of 2) Angle Leg Taper Bracket Adaptor, Fits both 60 Degree and 90 Degree Tower Legs	EA	53.90



Angle Leg Adapter for Sway Bar (TC-TAM-05)

The galvanized steel angle leg adapter for the taper bracket is designed to attach our product line of lattice tower antenna mounts to angle leg towers in 60 and 90 degree configurations. This bracket uses existing sway bar clamp assembly and easily attaches the complete kit to angle tower legs of various sizes. Refer to the chart below for proper application. All mounting hardware is included. The sway arm bracket pictured is part of the lattice tower mount and is not included.

Item #	Description	Unit	Wt (lb)
2120-12	60 Degree Angle Leg Adaptor for Sway Bar Fits 3-9/16" to 5-3/8" Angle Leg	EA	15.00
2120-14	60 Degree Angle Leg Adaptor for Sway Bar Fits 5-3/8" to 11-5/8" Angle Leg	EA	17.00
2120-16	90 Degree Angle Leg Adaptor for Sway Bar Fits 3" to 5" Angle Leg	EA	14.00
2120-18	90 Degree Angle Leg Adaptor for Sway Bar Fits 5" to 8" Angle Leg	EA	17.00



Illustrates 2120-12, 2120-14

Illustrates 2120-16, 2120-18

Drop Pipe Assembly (TC-TAM-06)

The galvanized steel drop pipe assembly is designed to easily mount a single mounting pipe for a microwave dish or a single antenna to lattice towers. Adjustable taper brackets fit tower legs from 1-1/2" to 8" OD. The drop pipe assembly accommodates antenna mount pipes ranging from 2-3/8" to 4-1/2" OD. The antenna mount pipe is ordered separately.

Item #	Description	Unit	Wt (lb)
2111	Drop Pipe Antenna Mount Assembly - Fits 2-3/8" OD Thru 4-1/2" OD Antenna Pipe - Order Antenna Pipe Separately	EA	92.00
2111-U	Universal Drop Pipe Antenna Mount Assembly for Angle or Round Leg Towers - Fits 2-3/8" OD Thru 4-1/2" OD Antenna Pipe - Order Antenna Pipe Separately. Kit includes 2120-AA-2 Mount Kit Assembly for Mounting to Angle Leg Towers	EA	145.90



Antenna Pipe Frame Assembly (TC-TAM-07)

The galvanized steel antenna pipe frame assembly provides dependable support for antennas on round leg guyed and self supporting towers. The sway bar maintains stability, while allowing easy pivoting of the frame. The mount comes complete with all hardware and can accommodate tower legs from 1-1/2" to 8" OD. The frame is available in three lengths - 8', 10' and 12'. Antenna mount pipe kits are sold separately.

Item #	Description	Unit	Wt (lb)
2122-8TW	8' Antenna Pipe Frame Mount - Antenna Mounting Pipe Is Sold Separately	EA	171.00
2122-10TW	10' Antenna Pipe Frame Mount - Antenna Mounting Pipe Is Sold Separately	EA	191.00
2122-12TW	12' Antenna Pipe Frame Mount - Antenna Mounting Pipe Is Sold Separately	EA	210.00



Microwave Antenna Sway Bar Kit (TC-TAM-22)

The galvanized steel microwave antenna sway bar kit includes a 1-1/2" X 10'-6" schedule 40 pipe and all mounting hardware is included to attach to 1-1/2" to 8" OD tower legs.

Item #	Description	Unit	Wt (lb)
2120-SBKM	1.9" OD Galvanized Sway Bar Kit for Microwave Antenna to Guy or Self Support Tower - Includes One 13' Long Sway Bar, Sway Bar Clamp and Hardware to Bolt to Antenna	EA	52.80



Monopole Platform - 12' Universal Low Profile (TC-TAM-24)

The galvanized steel universal monopole antenna platform is designed to meet a wide variety of antenna mounting applications. The platform can accommodate pole diameters from 11" to 47". This design requires the use of the 2121LD series of saddle brackets and 2123LD series of antenna mounts which are ordered separately.

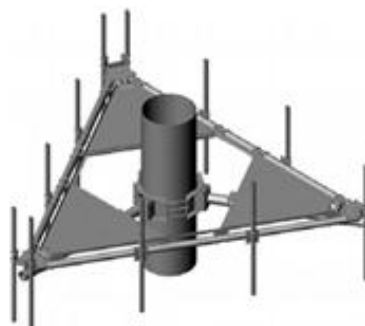
Item #	Description	Unit	Wt (lb)
2123LD-12	12' Monopole Platform - Monopole Saddle Bracket, Crossover Plates and Antenna Mount Pipes Sold Separately	EA	937.00



Monopole Platform - 13', 14' and 15' Low Profile (TC-TAM-08)

The galvanized steel monopole antenna platform is designed to meet a wide variety of antenna mounting applications. The platform design can accommodate pole diameters from 11" to 47". This design requires the use of the 2121 saddle bracket mounts which are ordered separately. Several platform face widths are available accepting up to four antennas each. The platform face widths are provided in the item descriptions. This design requires the use of the 2121LD series of saddle brackets and 2123LD series of antenna mounts which are ordered separately.

Item #	Description	Unit	Wt (lb)
2123-13	13' Monopole Platform - Monopole Saddle Bracket, Crossover Plates and Antenna Mount Pipes Sold Separately	EA	N/A
2123-14	14' Monopole Platform - Monopole Saddle Bracket, Crossover Plates and Antenna Mount Pipes Sold Separately	EA	N/A
2123-15	15' Monopole Platform - Monopole Saddle Bracket, Crossover Plates and Antenna Mount Pipes Sold Separately	EA	N/A



Monopole Platform - 12' Universal with Handrails (TC-TAM-25)

The galvanized steel universal monopole antenna platform with the handrail option is designed to meet a wide variety of antenna mounting applications. The platform can accommodate pole diameters from 11" to 47". This design requires the use of the 2121LD saddle brackets and the 2123LD series of antenna mounts which are ordered separately.

Item #	Description	Unit	Wt (lb)
2123LD-12HR	12' Monopole Platform with Handrails - Monopole Saddle Bracket, Crossover Plates and Antenna Mount Pipes Sold Separately	EA	N/A



Monopole Platforms - 13', 14' and 15' with Handrails (TC-TAM-10)

The galvanized steel monopole antenna platform with handrails option is designed to meet a wide variety of antenna mounting applications. The platform design can accommodate pole diameters from 11" to 47". This design requires the use of the 2121 saddle bracket mounts which are ordered separately. Several platform face widths are available accepting up to four antennas each. The platform face widths are provided in the item descriptions. This design requires the use of the 2121LD series of saddle brackets and 2123LD series of antenna mounts which are ordered separately.

Item #	Description	Unit	Wt (lb)
2123-13HR	13' Monopole Platform with Handrails - Monopole Saddle Bracket, Crossover Plates and Antenna Mount Pipes Sold Separately	EA	N/A
2123-14HR	14' Monopole Platform with Handrails - Monopole Saddle Bracket, Crossover Plates and Antenna Mount Pipes Sold Separately	EA	N/A
2123-15HR	15' Monopole Platform with Handrails - Monopole Saddle Bracket, Crossover Plates and Antenna Mount Pipes Sold Separately	EA	N/A



Monopole Platform Handrail Kit for 12' Universal Platform (TC-TAM-26)

The galvanized steel handrail kit is designed to fit our 2123LD-12 universal low profile platform. The kit included handrails, corner brackets, and the necessary mounting hardware.

Item #	Description	Unit	Wt (lb)
2123LD-12HRKIT	Handrail Kit for 2123LD-12 12' LD Monopole Platform. Requires a minimum of three 2123LD-*HRMTKIT antenna mount pipe assemblies per face. Antenna mount pipe assemblies to be ordered separately.	EA	179.00



Monopole Platform Handrail Kits for 13', 14' and 15' Platforms (TC-TAM-11)

The galvanized steel handrail kit is designed to fit our 2123 low profile platform. The kit included handrails, corner brackets, six upper cross-over plate kits and the necessary mounting hardware. Several platform face widths are available accepting up to four antennas each. The platform face widths are provided in the item descriptions.

Item #	Description	Unit	Wt (lb)
2123-13HRKIT	Handrail Kit for 13' Monopole Platform. Requires Six 2125-* antenna mount pipes and three to six 2123-*HRMTKIT antenna mount pipe assemblies. Antenna mount pipes and mount pipe assemblies to be ordered separately.	EA	352.00
2123-14HRKIT	Handrail Kit for 14' Monopole Platform. Requires Six 2125-* antenna mount pipes and three to six 2123-*HRMTKIT antenna mount pipe assemblies. Antenna mount pipes and mount pipe assemblies to be ordered separately.	EA	379.00
2123-15HRKIT	Handrail Kit for 15' Monopole Platform. Requires Six 2125-* antenna mount pipes and three to six 2123-*HRMTKIT antenna mount pipe assemblies. Antenna mount pipes and mount pipe assemblies to be ordered separately.	EA	310.00



Monopole Chain Mount Assembly (TC-TAM-14)

The galvanized steel monopole chain mount, 2118-MWD, is designed to mount up to a 4' diameter microwave dish to a monopole tower. The similar version, 2118, can be used to mount a small panel or GPS antenna to a monopole tower. Both mounts fit monopoles ranging from 11" to 47" in diameter. The mounts accept 4-1/2" OD pipe for dish applications or 2-3/8" OD pipe for smaller antenna applications. The antenna mount pipes are sold separately. All mounting hardware and chain are included.

Item #	Description	Unit	Wt (lb)
2118	Monopole Chain Mount Fits 11" to 47" Diameter Monopole, Accepts 2.375" OD or 4.5" OD Antenna Mounting Pipe. Antenna Mount Pipe Sold Separately	EA	39.20
2118-MWD	(Kit of 2) Monopole Chain Mount Assemblies for Microwave Dish Fits 11" to 47" Diameter Monopole, Accepts 2.375" OD or 4.5" OD Antenna Mounting Pipe. Antenna Mount Pipe Sold Separately	EA	78.40



Illustrates the 2118



Illustrates the 2118-MWD

GPS Antenna Mounts (TC-TAM-14a)

Item #	Description	Unit	Wt (lb)
2118GPS-12	12" GPS Antenna Mount - Banding Sold Separately	EA	6.80
2118GPS-24	24" GPS Antenna Mount - Banding Sold Separately	EA	9.40



Monopole T-Arm Antenna Mount (TC-TAM-15)

The galvanized steel monopole T-arm antenna mount accommodates up to four antennas. This mount is available in three different sizes: 8', 10' and 12' to fit a wide range of antenna mounting requirements. The design utilizes the 2121LD series of monopole saddle brackets and the 2123 series antenna mount pipe kits. The saddle bracket mounts and antenna mount pipe kits are sold separately.

Item #	Description	Unit	Wt (lb)
2122-8	8'-6" Face Monopole Tee Arm Mount - Includes Support Arm and 4" OD Horizontal Pipe - Monopole Saddle Bracket, Antenna Mount Crossover Clamps and Pipes Sold Separately	EA	167.00
2122-10	10'-6" Face Monopole Tee Arm Mount - Includes Support Arm and 4" OD Horizontal Pipe - Monopole Saddle Bracket, Antenna Mount Crossover Clamps and Pipes Sold Separately	EA	186.00
2122-12	12'-6" Face Monopole Tee Arm Mount - Includes Support Arm and 4" OD Horizontal Pipe - Monopole Saddle Bracket, Antenna Mount Crossover Clamps and Pipes Sold Separately	EA	206.00



Monopole Straight Arm Antenna Mount (TC-TAM-16)

The galvanized steel monopole straight arm antenna mount is designed to accommodate two 2-3/8" OD antenna mount pipes. This versatile mount is offered in two sizes. The mount uses the 2121LD saddle bracket and 2125 series of antenna mount pipe kits. The saddle bracket mounts and antenna mount pipes are sold separately.

Item #	Description	Unit	Wt (lb)
2114-3	3' Straight Arm Antenna Mount. Monopole Saddle Bracket and Antenna Mount Pipes Sold Separately	EA	96.00
2114-6	6' Straight Arm Antenna Mount. Monopole Saddle Bracket and Antenna Mount Pipes Sold Separately	EA	130.00



Monopole Saddle Bracket - Universal (TC-TAM-23)

The galvanized steel universal monopole saddle bracket assemblies are designed to be used with our 2123LD-12 monopole platform, 2122 series of T-Arms and 2114 series of straight arms. Two sizes of saddle brackets will accommodate round or polygon monopoles from 11" to 47" in diameter. All mounting hardware is included.

Item #	Description	Unit	Wt (lb)
2121LD-1130	Monopole LD Saddle Bracket - Fits 11" to 30" Diameter Poles	EA	226.00
2121LD-2447	Monopole LD Saddle Bracket - Fits 24" to 47" Diameter Poles	EA	355.00



Monopole Saddle Bracket - Heavy Duty (TC-TAM-17)

The galvanized steel monopole saddle bracket is designed for mounting various antenna arms, brackets and platforms easily to polygon or round monopoles. Four monopole saddle bracket sizes are offered to accommodate pole diameters from 11" to 47". All mounting hardware is included.

Item #	Description	Unit	Wt (lb)
2121-1	Monopole Saddle Bracket - Fits 11" to 20" Diameter Poles	EA	267.00
2121-2	Monopole Saddle Bracket - Fits 20" to 29" Diameter Poles	EA	324.00
2121-3	Monopole Saddle Bracket - Fits 29" to 38" Diameter Poles	EA	414.00
2121-4	Monopole Saddle Bracket - Fits 38" to 47" Diameter Poles (Non Returnable Item)	EA	504.00



Monopole Saddle Bracket - 3G Assembly (TC-TAM-19)

For mounting 3G antennas to monopoles, antenna mounting pipes are sold separately.

Item #	Description	Unit	Wt (lb)
2121LT-1	3G Saddle Bracket Assembly to Fit 11" to 20" Monopole - Antenna Mounting Pipe Sold Separately	EA	85.00
2121LT-2	3G Saddle Bracket Assembly to Fit 20" to 29" Monopole - Antenna Mounting Pipe Sold Separately	EA	118.30
2121LT-3	3G Saddle Bracket Assembly to Fit 29" to 38" Monopole Antenna Mounting Pipe Sold Separately	EA	153.10
2121LT-4	3G Saddle Bracket Assembly to Fit 38" to 47" Monopole Antenna Mounting Pipe Sold Separately	EA	188.20



Roof Sled Antenna Mount Assembly (TC-BAM-01)

The galvanized steel roof sled antenna mount assembly is a stable, non-penetrating roof top mount for up to four antenna mounting pipes (not included). The installation kit comes complete with rubber mats and hardware for antenna mount pipes. Concrete blocks are not included. A security rail kit (2115-SR) is also offered to secure the concrete blocks to the roof sled.

Item #	Description	Unit	Wt (lb)
2115-8	Roof Top Sled Antenna Mount 8' Face with Rubber Mats- Includes All Hardware to Mount Up to (4) 2-3/8" OD Antenna Mount Pipes- Concrete Blocks and Antenna Mount Pipe Sold Separately	EA	401.00
2115-10	Roof Top Sled Antenna Mount 10' Face with Rubber Mats - Includes All Hardware to Mount Up to (4) 2-3/8" OD Antenna Mount Pipes- Concrete Blocks and Antenna Mount Pipe Sold Separately	EA	427.00
2115-12	Roof Top Sled Antenna Mount 12' Face with Rubber Mats- Includes All Hardware to Mount Up to (4) 2-3/8" OD Antenna Mount Pipes- Concrete Blocks and Antenna Mount Pipe Sold Separately	EA	440.00
2115-SR	Security Rail Kit to Secure the Concrete Blocks Includes Two Rail and Necessary Hardware - Fits Roof Sleds Only 2115-8, 2115-10 and 2115-12	EA	52.30



Roof Sled - Single Pole Non-Penetrating Roof Mount (TC-BAM-02)

The galvanized steel design includes a 2-3/8" or 3-1/2" OD center mast that creates a sturdy antenna mount for rooftop installations. Overall height 10'-6". It comes with all necessary hardware including rubber mats. Concrete blocks are not included.

Item #	Description	Unit	Wt (lb)
2115	2-3/8" OD x 126" Single Pole Non Penetrating Roof Top Antenna Mount Kit - Includes Rubber Mats - Concrete Blocks Sold Separately	EA	415.00
2115-1	3-1/2" OD x 126" Single Pole Non Penetrating Roof Top Antenna Mount Kit - Includes Rubber Mats - Concrete Blocks Sold Separately	EA	480.00



Wall Mount - Standard (TC-BAM-03)

The galvanized steel antenna wall mount assembly is designed to secure an antenna to any flat wall surface. The assembly comes complete with two brackets, 1/2" x 18" threaded rods, steel backer plates, and U-bolt hardware. The antenna mount pipe is sold separately.

Item #	Description	Unit	Wt (lb)
2117	Antenna Wall Mount - Antenna Mount Pipe Sold Separately	EA	33.00



Wall Mount - Heavy Duty (TC-BAM-04)

The galvanized steel heavy duty antenna wall mount assembly is designed to secure the antenna to any flat wall surface. The assembly comes complete with two brackets, 1/2" x 18" threaded rods, steel backer plates and U-Bolt hardware. The mount accepts both 2-3/8" OD or 4-1/2" OD pipe. The antenna mount pipe is sold separately.

Item #	Description	Unit	Wt (lb)
2117-1	Heavy Duty Galvanized Antenna Wall Mount - Stands 12" Off Wall - Includes Hardware to Accomodate Both 2-3/8" OD and 4-1/2" OD Mounting Pipe - Antenna Mounting Pipe Is Sold Separately	EA	66.00



Wall Mount - Corner Bracket (TC-BAM-05)

Item #	Description	Unit	Wt (lb)
2117-CNR	Corner Wall Mount - Antenna Mounting Pipe is Ordered Separately	EA	177.00



Water Tank Mount (TC-BAM-06)

Item #	Description	Unit	Wt (lb)
2115WT-12	12' Water Tower Mount with Three Antenna Mount Pipes	EA	409.20



Galvanized Pipe/Antenna Mounting Pipe - under 4" OD (TC-MPA-03)

Item #	Description	Unit	Wt (lb)
2125-1-252	1-1/2" (1.9" OD) x 252" (21') Schedule 40 Galvanized Steel Pipe	EA	61.00
2125-48	2-3/8" OD x 48" (4') Schedule 40 Galvanized Pipe	EA	15.00
2125-60	2-3/8" OD x 60" (5') Schedule 40 Galvanized Pipe	EA	19.00
2125-72	2-3/8" OD x 72" (6') Schedule 40 Galvanized Pipe	EA	24.00
2125-84	2-3/8" OD x 84" (7') Schedule 40 Galvanized Steel Pipe	EA	28.00
2125-96	2-3/8" OD x 96" (8') Schedule 40 Galvanized Pipe	EA	30.00
2125-120	2-3/8" OD x 120" (10') Schedule 40 Galvanized Pipe	EA	34.40
2125-144	2-3/8" OD x 144" (12') Schedule 40 Galvanized Pipe	EA	45.00
2125-174	2-3/8" OD x 174" (14'-6") Schedule 40 Galvanized Steel Pipe	EA	58.00
2125-252	2-3/8" OD x 252" (21') Schedule 40 Galvanized Pipe	EA	79.00
2126-168	2-7/8" OD x 168" (14') Schedule 40 Galvanized Pipe	EA	87.00
2126-252	2-7/8" OD x 252" (21') Schedule 40 Galvanized Pipe	EA	130.00
2127-36	3-1/2" OD x 36" (3') Galvanized Pipe	EA	23.00
2127-72	3-1/2" OD x 72" (6') Galvanized Pipe	EA	48.00
2127-96	3-1/2" OD x 96" (8') Galvanized Pipe	EA	64.00
2127-126	3-1/2" OD x 126" (10'-6") Galvanized Pipe	EA	84.00
2127-144	3-1/2" OD x 144" (12') Galvanized Pipe	EA	96.00
2127-152	3-1/2" OD x 152" (12'-8") Galvanized Pipe	EA	102.00
2127-180	3-1/2" OD x 180" (15') Galvanized Pipe	EA	115.00
2127-252	3-1/2" OD x 252" (21') Galvanized Pipe	EA	161.00



Galvanized Pipe/Antenna Mounting Pipe - 4" OD and up (TC-MPA-03a)

Item #	Description	Unit	Wt (lb)
2128-53	4" OD x 53" (4'-5") Schedule 40 Galvanized Pipe	EA	42.50
2128-60	4" OD x 60" (5") Schedule 40 Galvanized Pipe	EA	48.00
2128-84	4" OD x 84" (7") Schedule 40 Galvanized Pipe	EA	63.00
2128-102	4" OD x 102" (8'-6") Schedule 40 Galvanized Steel Pipe	EA	82.00
2128-126	4" OD x 126" (10'-6") Schedule 40 Galvanized Pipe	EA	101.00
2128-150	4" OD x 150" (12'-6") Schedule 40 Galvanized Pipe	EA	120.00
2128-174	4" OD x 174" (14'-6") Schedule 40 Galvanized Steel Pipe	EA	143.00
2128-180	4" OD x 180" (15") Schedule 40 Galvanized Pipe	EA	144.00
2128-252	4" OD x 252" (21') Schedule 40 Galvanized Pipe	EA	202.00
2129-48	4-1/2" OD x 48" (4') Schedule 40 Galvanized Pipe	EA	46.00
2129-63	4-1/2" OD x 63" (5'-3") Schedule 40 Galvanized Pipe	EA	60.00
2129-84	4-1/2" OD x 84" (7") Schedule 40 Galvanized Pipe	EA	80.00
2129-126	4-1/2" OD x 126" (10'-6") Schedule 40 Galvanized Steel Pipe	EA	119.70
2129-252	4-1/2" OD x 252" (21') Schedule 40 Galvanized Steel Pipe	EA	240.00



Galvanized Mount Pipe Kit for 2123LD-12, 2123, and 2122-TW (TC-MPA-04)

The galvanized steel antenna mount pipe assembly is specifically designed for our monopole antenna platforms (2123 and 2123LD-12) and antenna pipe frame assemblies (2122-TW). See item descriptions for appropriate application. All hardware is included.

Item #	Description	Unit	Wt (lb)
2123LD-48-MTKIT	48" Antenna Pipe Mount Kit for 2123LD-12 (12') LD Monopole Platform	EA	24.90
2123-48-MTKIT	48" Antenna Pipe Mount Kit for T-Arm and 2123-12,13,14 and 15 Monopole Platforms	EA	24.00
2123LD-60-MTKIT	60" Antenna Pipe Mount Kit for 2123LD-12 (12') LD Monopole Platform	EA	28.70
2123-60-MTKIT	60" Antenna Pipe Mount Kit for T-Arm and 2123-12,13,14 and 15 Monopole Platforms	EA	27.00
2123LD-72-MTKIT	72" Antenna Pipe Mount Kit for 2123LD-12 (12') LD Monopole Platform	EA	32.60
2123-72-MTKIT	72" Antenna Pipe Mount Kit for T-Arm and 2123-12,13,14 and 15 Monopole Platforms	EA	31.00
2123LD-84-MTKIT	84" Antenna Pipe Mount Kit for 2123LD-12 (12') LD Monopole Platform	EA	36.50
2123-84-MTKIT	84" Antenna Pipe Mount Kit for T-Arm and 2123-12,13,14 and 15 Monopole Platforms	EA	35.00
2123LD-96-MTKIT	96" Antenna Pipe Mount Kit for 2123LD-12 (12') LD Monopole Platform	EA	40.40
2123-96-MTKIT	96" Antenna Pipe Mount Kit for T-Arm and 2123-12,13,14 and 15 Monopole Platforms	EA	38.00



Galvanized Mount Pipe Kit for 2123LD-12HR and 2123-HR Platforms (TC-MPA-05)

The galvanized steel antenna mount pipe assembly is specifically designed for our monopole antenna platforms with handrails (2123LD-12 and 2123-HR). See item descriptions for appropriate application. All hardware is included.

Item #	Description	Unit	Wt (lb)
2123LD-48-HRMTKIT	48" Antenna Pipe Mount Kit for 2123LD-12 (12') LD Monopole Platform with Handrails	EA	32.80
2123-48-HRMTKIT	48" Antenna Pipe Mount Kit for 2123-12,13,14 and 15 Monopole Platforms with Handrails	EA	31.00
2123LD-60-HRMTKIT	60" Antenna Pipe Mount Kit for 2123LD-12 (12') LD Monopole Platform with Handrails	EA	37.10
2123-60-HRMTKIT	60" Antenna Pipe Mount Kit for 2123-12,13,14 and 15 Monopole Platforms with Handrails	EA	35.00
2123LD-72-HRMTKIT	72" Antenna Pipe Mount Kit for 2123LD-12 (12') LD Monopole Platform with Handrails	EA	41.00
2123-72-HRMTKIT	72" Antenna Pipe Mount Kit for 2123-12,13,14 and 15 Monopole Platforms with Handrails	EA	39.00
2123LD-84-HRMTKIT	84" Antenna Pipe Mount Kit for 2123LD-12 (12') LD Monopole Platform with Handrails	EA	44.90
2123-84-HRMTKIT	84" Antenna Pipe Mount Kit for 2123-12,13,14 and 15 Monopole Platforms with Handrails	EA	42.00
2123LD-96-HRMTKIT	96" Antenna Pipe Mount Kit for 2123LD-12 (12') LD Monopole Platform with Handrails	EA	48.80
2123-96-HRMTKIT	96" Antenna Pipe Mount Kit for 2123-12,13,14 and 15 Monopole Platforms with Handrails	EA	46.00



Pipe Clamp Kit (TC-MPA-01)

The galvanized pipe clamp kits are designed to connect antenna mount pipes to towers, handrails, or other round members. Size ranges are listed in the item descriptions below. The kits include eight clamp plates and hardware. Mounting pipes are not included. Custom configurations available.

Item #	Description	Unit	Wt (lb)
2119-34-238	(Kit of 2) Pipe to Pipe Clamp Assembly - Fits 3/4" to 2-3/8" OD Pipe	EA	4.80
2119-1-2	(Kit of 2) Pipe to Pipe Clamp Assemblies - Fits 1-1/2" to 3-1/2" OD Pipe	EA	20.00
2119-158-858	(Kit of 2) Pipe to Pipe Clamp Assemblies - Fits 1-5/8" to 8-5/8" OD Pipe	EA	34.30



Pipe Clamp Kit - Heavy Duty (TC-MPA-08)

The galvanized heavy duty pipe clamp kits are designed to connect large antenna mount pipes to towers, handrails, or other round members. Size ranges are listed in the item descriptions below. The kits include eight clamp plates and hardware. Mounting pipes are not included. Custom configurations available.

Item #	Description	Unit	Wt (lb)
2119HD-158-458	(Kit of 2) Heavy Duty Pipe to Pipe Clamp Assemblies - Fits 1-5/8" to 4-5/8" OD Pipe	EA	65.70
2119HD-158-858	(Kit of 2) Heavy Duty Pipe to Pipe Clamp Assemblies - Fits 1-5/8" to 8-5/8" OD Pipe	EA	74.60



Double Antenna Mount Pipe Kit (TC-MPA-07)

The galvanized steel double antenna mount pipe kit provides attachment for two 2-3/8" antenna mount pipes to a single tower leg or other vertical pipe assembly from 1-1/2" to 3-1/2" in diameter. The kit provides two clamp assemblies and attachment hardware. Antenna mount pipes are sold separately.

Item #	Description	Unit	Wt (lb)
2119-2	Double Antenna Pipe Clamp Assembly, Kit of (2) Clamps Fits Tower Legs Sizes from 1-1/2" to 3-1/2" OD with Hardware to Attach two 2-3/8" OD Antenna Mount Pipes	EA	24.80



Cross-Over Plate Kits (TC-MPA-02)

The galvanized cross-over plate kit is a steel clamp assembly used to attach a horizontal pipe to a vertical pipe. The kit is offered in multiple sizes and configurations and comes complete with all hardware. See the table below for standard offerings. Custom sizes available upon request.

Item #	Description	Unit	Wt (lb)
2120-4	Crossover Pipe Clamp - 1.9" OD Horizontal Pipe to 1.9" OD Vertical Pipe with 3/8" Hardware	EA	3.44
2120-5	Crossover Pipe Clamp - 2-3/8" OD Horizontal Pipe to 2-3/8" OD Vertical Pipe with 3/8" Hardware	EA	4.10
2120-5HD	Crossover Pipe Clamp - 2-3/8" OD Horizontal Pipe to 2-3/8" OD Vertical Pipe with 1/2" Hardware	EA	8.40
2120-20HD	Crossover Pipe Clamp - 3-1/2" OD Horizontal Pipe to 2-3/8" OD Vertical Pipe with 1/2" Hardware	EA	9.40
2120-6	Crossover Pipe Clamp - 4" OD Horizontal Pipe to 2-3/8" OD Vertical Pipe with 3/8" Hardware	EA	8.10
2120-6HD	Crossover Pipe Clamp - 4" OD Horizontal Pipe to 2-3/8" OD Vertical Pipe with 1/2" Hardware	EA	9.90



Horizontal Angle Rail Antenna Mount Brackets (TC-MPA-06)

The galvanized steel horizontal angle rail antenna mount brackets are designed to mount a 2-3/8" diameter antenna mount pipe to angle handrails. The pair of brackets will attach to 2", 2-1/2", and 3" equal leg handrails. The brackets come with all required hardware. The 2-3/8" diameter mount pipe is sold separately.

Item #	Description	Unit	Wt (lb)
2112-23	Pair of Horizontal Angle Rail Antenna Mount Brackets - Fits 2" Thru 3" Angle and 2-3/8" OD Antenna Mount Pipe - Antenna Mount Pipe Sold Separately	EA	15.20



Coax Support - Mini Cluster Bracket (TC-COAX-01)

The galvanized steel micro collector is a convenient coax mounting solution. 3/4" holes for snap-in hangers and 7/16" holes for butterfly clamps are provided on three sides for up to three runs of coax. A 7/16" hole on the fourth face allows for attachment with beam clamps or any 3/8" attachment system. Snap-in or butterfly handlers not included.

Item #	Description	Unit	Wt (lb)
2104	Galvanized Mini Cluster Support Bracket - Accommodates Both 3/4" Snap in Hangers and 7/16" Butterfly Clamps	EA	0.50



Coax Bundle Support - 18 Run (TC-COAX-02)

The galvanized steel 18 run coax support can be used in a variety of mounting solutions. This versatile mount can accommodate up to 18 runs of 1-5/8" diameter coax by alternating the coax inside and outside the surfaces of the mount. 3/4" snap-in hanger holes and 7/16" butterfly hanger holes provide flexibility in mounting coax. 1/2" steel band slots are included (Banding sold separately). The 2105-18-2 kit includes one U-bolt and hardware to accommodate mounting up to a 2-3/8" OD pipe. Snap-in or butterfly hangers are not included.

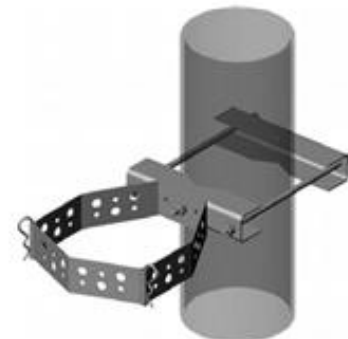
Item #	Description	Unit	Wt (lb)
2105-18	18 Run Bundle Support Only	EA	3.80
2105-18-UB	18 Run Bundle Support Kit Fits 1-9" OD Thru 2-3/8" OD Tower Leg- Includes Bundle Support and 2-3/8" OD U-Bolt with Hardware	EA	4.40



Coax Bundle Support with Mount Kit - 18 Run (TC-COAX-03)

The 18 run coax bundle support is provided with a galvanized steel support mount kit. The mount will accommodate tower leg sizes from 1.9" to 8.5" OD. All attachment hardware is provided. Snap-in or butterfly hangers are not included.

Item #	Description	Unit	Wt (lb)
2105-18-SC	18 Run Bundle Support Kit Fits 1.9" OD Thru 8-1/2" OD Tower Legs - Includes Both Bundle Support and Bundle Support Clamp	EA	11.80
2105	Bundle Support Mounting Clamp Only Fits 1.9" OD Thru 8-1/2" OD Tower Legs	EA	7.40



Coax Support Tee Bundle - 12 Run (TC-COAX-22)

The galvanized steel twelve run coax support is a multipurpose coax mounting solution. 3/4" snap-in and 7/16" butterfly hanger holes are provided to allow flexibility in coax attachment. The mount will accommodate tower leg sizes from 1.9" to 8.5" OD. All attachment hardware is provided. Snap-in or butterfly hangers are not included.

Item #	Description	Unit	Wt (lb)
2105-2	12 Run Welded Leg Tee Bundle Support Mounting Clamp Kit - Fits 1.9" OD Thru 8-1/2" OD Tower Legs	EA	9.50



Coax Bundle Support with Mount Kit - 6 Run (TC-COAX-04)

The galvanized steel six run coax support is a multipurpose coax mounting solution. 3/4" snap-in and 7/16" butterfly hanger holes are provided to allow flexibility in coax attachment. The mount will accommodate tower leg sizes from 1.9" to 8.5" OD. All attachment hardware is provided. Snap-in or butterfly hangers are not included.

Item #	Description	Unit	Wt (lb)
2105-6-SC	6 Run Bundle Support Kit Fits 1.9" OD Thru 8-1/2" OD Tower Leg - Includes Bundle Support and Bundle Support Clamp	EA	9.80



Coax Bundle Support - 8 Run (TC-COAX-25)

The galvanized steel eight run coax support is a multipurpose coax mounting solution. 3/4" snap-in and 7/16" butterfly hanger holes are provided to allow flexibility in coax attachment. This coax support can be mounted to the tower leg by banding, angle adaptor, or u-bolt attachment (ALT u-bolt 4477-1G). Mounting hardware, snap-ins, and butterfly hangers are sold separately.

Item #	Description	Unit	Wt (lb)
2105-8	8 Hole Bundle Support Only - Mounting Hardware Sold Separately	EA	2.40



Waveguide Hanger Clamp for Round Braces (TC-COAX-06)

The galvanized steel waveguide hanger clamp for round braces is an excellent solution when the tower has round member braces. The flexible clamp can mount at a variety of angles and accommodate six runs of coax with 3/4" or 7/16" holes. Fits pipe sizes from 3/4" to 2-3/8" OD. All mounting hardware is included. A clamp only option is offered for special applications (2102-CO). Snap-in or butterfly hangers are not included.

Item #	Description	Unit	Wt (lb)
2102	Galvanized Waveguide Hanger Clamp Accepts Up to (6) 1-5/8 Coax Cables and Fits 3/4" to 2-3/8" OD Pipe Leg	EA	7.00
2102-CO	Galvanized Pipe Clamp Used on 2102 - Fits 3/4" to 2-3/8" OD Pipe Leg - Includes One Clamp and Hardware	EA	2.49



Round Member Adaptors (TC-COAX-06a)

Item #	Description	Unit	Wt (lb)
2195-RMSI	Stainless Steel Round Member Adaptor for Snap in Hanger with 3/4" Hole	EA	0.20
2195-RM38	Stainless Steel Round Member Adaptor with 3/8" -16 Tapped Hole for 3/8" Hardware	EA	0.20
2195-TSK-178-434	Tower Standoff Kit with 3/8" Fillister Bolt and Lockwasher for Leg Measuring 1-7/8" thru 4-3/4" Diameter - Boxed in Quantity of 10	EA	0.30

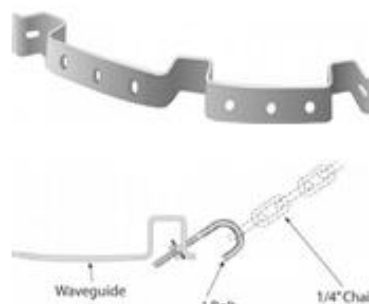


Typical application

Waveguide Bracket - Chain Mount for Tank Leg (TC-COAX-07)

The galvanized steel tank leg waveguide bracket is utilized to secure up to 12 runs of 1-5/8" coax to a tank leg. The bracket has 3/4" punched holes to accept snap-in hangers. The brackets mounts to tank leg with 1/4" galvanized steel chain (not included) using galvanized J-bolts (included). Custom sizes available. Snap-in hangers and 1/4" galvanized chain sold separately.

Item #	Description	Unit	Wt (lb)
2103-1-6	6 Hole Tank Leg Wave Guide Bracket with J-Bolts (Chain Not Included)	EA	2.30
2103-1-9	9 Hole Snap in Hanger Adapter Bracket with J-Bolts (Chain Not Included)	EA	2.50
2103-1-12	12 Hole Tank Leg Wave Guide Bracket with J-Bolts (Chain Not Included)	EA	3.00



Waveguide Bracket - Band Mount for Tank Leg (TC-COAX-07a)

The galvanized steel tank leg waveguide bracket is utilized to secure up to 12 runs of 1-5/8" coax to a tank leg. The bracket has 3/4" punched holes to accept snap-in hangers. The bracket is mounting using 1/2" steel banding (not included). Custom sizes available. Snap-in hangers and steel banding sold separately.

Item #	Description	Unit	Wt (lb)
2103-1-6B	6 Hole Snap in Hanger Adapter Bracket for Banding (Banding Not Included)	EA	1.80
2103-1-9B	9 Hole Snap in Hanger Adapter Bracket for Banding (Banding Not Included)	EA	2.50
2103-1-12B	12 Hole Snap in Hanger Adapter Bracket for Banding (Banding Not Included)	EA	3.30



Sleepers - Roof Top Coax Support (TC-COAX-08)

The roof top coax support sleeper is made from UV resistant PVC. The sleepers are designed for coax support in roof top installations. The sleepers have 3/4" holes on 2-1/2" centers to accommodate snap-in hangers. Snap-in hangers are not included.

Item #	Description	Unit	Wt (lb)
2106-3	3 Hole PVC Sleeper for 3 Coax Cables, 16" Long	EA	2.00
2106-6	6 Hole PVC Sleeper for 6 Coax Cables, 23-1/2" Long	EA	3.00
2106-9	9 Hole PVC Sleeper for 9 Coax Cables, 31" Long	EA	4.00
2106-12	12 Hole PVC Sleeper for 12 Coax Cables, 38-1/2" Long	EA	5.00
2106-NH-16	PVC Sleeper with No Holes, 16" Long	EA	2.08
2106-NH-18	PVC Sleeper with No Holes, 18" Long	EA	2.34
2106-NH-20	PVC Sleeper with No Holes, 20" Long	EA	2.60
2106-NH-22	PVC Sleeper with No Holes, 22" Long	EA	2.86
2106-NH-24	PVC Sleeper with No Holes, 24" Long	EA	3.12
2106-NH-27	PVC Sleeper with No Holes, 27" Long	EA	3.51
2106-NH-31	PVC Sleeper with No Holes, 31" Long	EA	4.03
2106-NH-96	PVC Sleeper with No Holes, 96" (8') Long	EA	12.48



Rubber Mat (TC-ACC-07)

The 1/2" thick rubber mat protects roof surfaces from damage.

Item #	Description	Unit	Wt (lb)
2108-3	1/2" x 6" x 18" Rubber Mat for The 3 Hole Sleeper	EA	2.00
2108-6X22	1/2" x 6" x 22" Rubber Mat	EA	2.40
2108-6X24	1/2" x 6" x 24" Rubber Mat	EA	2.60
2108-6	1/2" x 6" x 26" Rubber Mat for The 6 Hole Sleeper	EA	2.80
2108-6X30	1/2" x 6" x 30" Rubber Mat	EA	3.30
2108-9	1/2" x 6" x 34" Rubber Mat for The 9 Hole Sleeper	EA	3.70
2108-12	1/2" x 6" x 42" Rubber Mat for The 12 Hole Sleeper	EA	4.60
2108-10X18	1/2" x 10" x 18" Rubber Mat	EA	3.25
2108-12X12	1/2" x 12" x 12" Rubber Mat	EA	2.60
2108-12X30	1/2" x 12" x 30" Rubber Mat	EA	6.50
2108-12X48	1/2" x 12" x 48" Rubber Mat	EA	10.40
2108-18X48	1/2" x 18" x 48" Rubber Mat	EA	15.60
2108-20X20	1/2" x 20" x 20" Rubber Mat	EA	7.22
2108-20X28	1/2" x 20" x 28" Rubber Mat	EA	10.11
2108-24X48	1/2" x 24" x 48" Rubber Mat	EA	20.80
2108-30x60	1/2" x 30" x 60" Rubber Mat	EA	32.50
2108-36X72	1/2" x 36" x 72" Rubber Mat	EA	46.80
2108-48X48	1/2" x 48" x 48" Rubber Mat	EA	41.59



Z-Brackets (TC-COAX-10)

The galvanized steel Z-brackets offer support for multiple runs of coax. 3/4" holes for snap-in hangers and 7/16" holes for butterfly clamps are provided on 3" centers. The brackets are available in three lengths shown in the table below. Mounting hardware, snap-in hangers and butterfly clamps are not included.

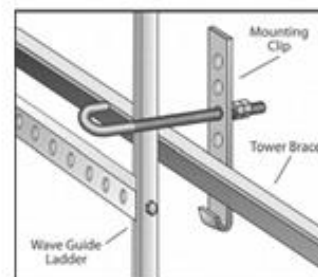
Item #	Description	Unit	Wt (lb)
2107-7	Galvanized Steel Z Bracket for 7 Runs of Coaxial Cable - Accepts Both 3/4" Snap in Hangers and 7/16" Butterfly Clamps	EA	2.40
2107-15	Galvanized Steel Z Bracket for 15 Runs of Coaxial Cable - Accepts Both 3/4" Snap in Hangers and 7/16" Butterfly Clamps	EA	5.90
2107-23	Galvanized Steel Z Bracket for 23 Runs of Coaxial Cable - Accepts Both 3/4" Snap in Hangers and 7/16" Butterfly Clamps	EA	8.00



Waveguide Ladders - Bolted (TC-COAX-11)

The galvanized steel ladders are offered in 10 and 20 foot lengths to accommodate up to 18 runs of 1-5/8" coax. The removable ladder rungs provide 4' on center coax support. 3/4" and 7/16" holes are provided for snap-in or butterfly hanger attachment. Mounting clips and J-bolts are included for installation to angle tower braces. An optional round brace clamp is available for installation to round tower braces (2101-RM). All ladders include splice hardware to allow multiple sections to be joined. Snap-in and butterfly hangers are not included.

Item #	Description	Unit	Wt (lb)
2100-6	Waveguide Ladder - Six Hole - 20' Section Includes J-Bolts and Hardware	EA	66.00
2100-9	Waveguide Ladder - Nine Hole - 20' Section Includes J-Bolts and Hardware	EA	69.50
2100-12	Waveguide Ladder - Twelve Hole - 20' Section Includes J-Bolts and Hardware	EA	72.50
2100-15	Waveguide Ladder - Fifteen Hole - 20' Section Includes J-Bolts and Hardware	EA	75.50
2100-18	Waveguide Ladder - Eighteen Hole - 20' Section Includes J-Bolts and Hardware	EA	79.00
2101-6	Waveguide Ladder - Six Hole - 10' Section Includes J-Bolts and Hardware	EA	33.80
2101-9	Waveguide Ladder - Nine Hole - 10' Section Includes J-Bolts and Hardware	EA	37.30
2101-12	Waveguide Ladder - Twelve Hole - 10' Section Includes J-Bolts and Hardware	EA	40.30
2101-15	Waveguide Ladder - Fifteen Hole - 10' Section Includes J-Bolts and Hardware	EA	43.30
2101-18	Waveguide Ladder - Eighteen Hole - 10' Section Includes J-Bolts and Hardware	EA	46.80

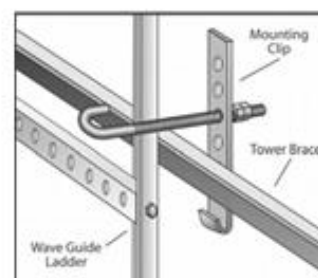


Angle clip for angled tower members.

Waveguide Ladders - Welded (TC-COAX-12)

The galvanized steel ladders are offered in 10 and 20 foot lengths to accommodate up to 15 runs of 1-5/8" coax. The ladder rungs, welded on 4' centers, are provided with 3/4" and 7/16" holes for snap-in or butterfly hanger attachment. Mounting clips and J-bolts are included for installation to angle tower braces. An optional round brace clamp is available for installation on round tower braces (2101-RM). All ladders include splice hardware to allow multiple sections to be joined. Snap-in and butterfly hangers are not included.

Item #	Description	Unit	Wt (lb)
2100-6W	Welded Waveguide Ladder - Six Hole - 20' Section Includes J-Bolts and Mounting Hardware	EA	N/A
2100-9W	Welded Waveguide Ladder - Nine Hole - 20' Section Includes J-Bolts and Mounting Hardware	EA	69.50
2100-12W	Welded Waveguide Ladder - Twelve Hole - 20' Section Includes J-Bolts and Hardware	EA	67.00
2100-15W	Welded Waveguide Ladder - Fifteen Hole - 20' Section Includes J-Bolts and Hardware	EA	71.00
2101-6W	Welded Waveguide Ladder - Six Hole - 10' Section Includes J-Bolts and Mounting Hardware	EA	N/A
2101-9W	Welded Waveguide Ladder - Nine Hole - 10' Section Includes J-Bolts and Mounting Hardware	EA	N/A
2101-12W	Welded Waveguide Ladder - Twelve Hole - 10' Section Includes J-Bolts and Hardware	EA	36.00
2101-15W	Welded Waveguide Ladder - Fifteen Hole - 10' Section Includes J-Bolts and Hardware	EA	37.00

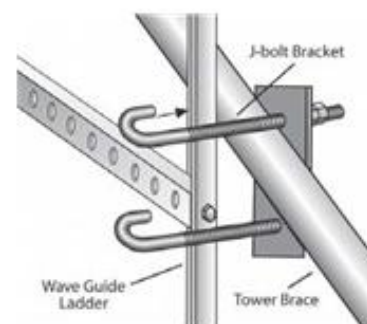


Angle clip for angled tower members.

Waveguide Ladder Clamp for Mounting to Round Members (TC-COAX-13)

The ladder clamp supports mounting of bolted or welded waveguide ladders to round tower braces from 3/4" to 4" OD.

Item #	Description	Unit	Wt (lb)
2101-RM	Waveguide Ladder Clamp Kit for Mounting to Round Members - Fits 3/4" OD Thru 4" OD Round Members	EA	1.50
2101-RM-10	10' Waveguide Ladder Clamp Kit for Mounting to Round Members - Fits 3/4" OD Thru 4" OD Round Members- Kit Includes all Additional Hardware Need for 10' Ladder	EA	4.67
2101-RM-20	20' Waveguide Ladder Clamp Kit for Mounting to Round Members - Fits 3/4" OD Thru 4" OD Round Members- Kit Includes all Additional Hardware Need for 20' Ladder	EA	7.00



Snap-In Hangers (TC-COAX-14)

Item #	Description	Unit	Wt (lb)
2195-12	Snap in Hanger for 1/2" Coax Cable - Installs in a 3/4" Diameter Hole	EA	0.05
2195-78	Snap in Hanger for 7/8" Coax Cable - Installs in a 3/4" Diameter Hole	EA	0.06
2195-114	Snap in Hanger for 1-1/4" Coax Cable - Installs in a 3/4" Diameter Hole	EA	0.09
2195-158	Snap in Hanger for 1-5/8" Coax Cable - Installs in a 3/4" Diameter Hole	EA	0.11
2195-214	Snap in Hanger for 2-1/4" Coax Cable - Installs in a 3/4" Diameter Hole	EA	N/A



Snap-In Hangers - Stackable (TC-COAX-23)

ALT offers Andrew SnapStak(tm) Coax Hangers for coax stacking applications.

Item #	Description	Unit	Wt (lb)
2195-12-STACK	1/2" Stackable Snap In Hanger	EA	0.07
2195-78-STACK	7/8" Stackable Snap in Hanger	EA	0.10
2195-114-STACK	1-1/4" Stackable Snap in Hanger	EA	0.12
2195-158-STACK	1-5/8" Stackable Snap in Hanger	EA	0.12



Butterfly Clamps (TC-COAX-15)

Stainless steel hanger with hardware included.

Item #	Description	Unit	Wt (lb)
2195-BFH-12	Stainless Steel Butterfly Hanger with Hardware - Fits 1/2" Cable	EA	0.10
2195-BFH-78	Stainless Steel Butterfly Hanger with Hardware - Fits 7/8" Cable	EA	0.09
2195-BFH-114	Stainless Steel Butterfly Hanger with Hardware - Fits 1-1/4" Cable	EA	0.11
2195-BFH-158	Stainless Steel Butterfly Hanger with Hardware - Fits 1-5/8" Cable	EA	0.12
2195-BFH-214	Stainless Steel Butterfly Hanger with Hardware - Fits 2-1/4" Cable	EA	N/A



Clip On Hangers (TC-COAX-24)

Attachment hardware sold separately.

Item #	Description	Unit	Wt (lb)
2195-CLIP-12	1/2" Coax Clip on Hanger	EA	0.05
2195-CLIP-78	7/8" Coax Clip on Hanger	EA	0.05
2195-CLIP-158	1-5/8" Coax Clip on Hanger	EA	0.10



Hoist Grip for Coax (TC-COAX-16)

Item #	Description	Unit	Wt (lb)
2195-HG-12PL	Pre Laced Hoist Grip for 1/2" Coax	EA	0.20
2195-HG-78LU	Lace Up Hoist Grip for 7/8" Coax	EA	0.25
2195-HG-78PL	Pre Laced Hoist Grip for 7/8" Coax	EA	0.25
2195-HG-114LU	Lace Up Hoist Grip for 1-1/4" Coax	EA	0.38
2195-HG-114PL	Pre Laced Hoist Grip for 1-1/4" Coax	EA	0.30
2195-HG-158LU	Lace Up Hoist Grip for 1-5/8" Coax	EA	0.47
2195-HG-158PL	Pre Laced Hoist Grip for 1-5/8" Coax	EA	0.34



Ground Kits for Coax (TC-ACC-09)

Item #	Description	Unit	Wt (lb)
2195-GK-12	Grounding Kit for 12" Cable with 60" Grounding Wire and Field Attachable Two Hole Lug	EA	1.90
2195-GK-58	Grounding Kit for 5/8" Cable with 60" Grounding Wire and Field Attachable Two Hole Lug	EA	1.90
2195-GK-78	Grounding Kit for 7/8" Cable with 60" Grounding Wire and Field Attachable Two Hole Lug	EA	1.93
2195-GK-114	Grounding Kit for 1-1/4" Cable with 60" Grounding Wire and Field Attachable Two Hole Lug	EA	2.24
2195-GK-158	Grounding Kit for 1-5/8" Cable with 60" Grounding Wire and Field Attachable Two Hole Lug	EA	2.02
2195-GK-214	Grounding Kit for 2-1/4" Cable with 60" Grounding Wire and Field Attachable Two Hole Lug	EA	2.15
2195-GK-U	Grounding Kit for 1/2" Thru 1-5/8" Cable with 60" Grounding Wire and Field Attachable Two Hole Lug	EA	2.20



Weather Proof Kit (EC-TAPE-03)

Includes six rolls of butyl rubber tape, two rolls of 3/4" and one roll of 2" electrical tape.

Item #	Description	Unit	Wt (lb)
5750-CWP	Connector Weather Proof Kit - Includes 6 Rolls of Butyl Tape, 2 Rolls of 3/4" and 1 Roll of 2" Black Electrical Tape	EA	3.21



Entry Boot for Standard 4" Cable (TC-COAX-17)

Item #	Description	Unit	Wt (lb)
2195-EBT-12F-1	Standard 4" Cable Entry Boot for 1/2" Foam Coax, 1 Run - Includes One 4" Boot, One Cushion and Two Clamps	EA	1.60
2195-EBT-12F-3	Standard 4" Cable Entry Boot for 1/2" Foam Coax, 3 Runs - Includes One 4" Boot, One Cushion and Two Clamps	EA	1.54
2195-EBT-78-1	Standard 4" Cable Entry Boot for 7/8" Coax, 1 Run - Includes One 4" Boot, One Cushion and Two Clamps	EA	1.55
2195-EBT-78-2	Standard 4" Cable Entry Boot for 7/8" Coax, 2 Runs - Includes One 4" Boot, One Cushion and Two Clamps	EA	1.55
2195-EBT-78-3	Standard 4" Cable Entry Boot for 7/8" Coax, 3 Runs - Includes One 4" Boot, One Cushion and Two Clamps	EA	1.49
2195-EBT-114-1	Standard 4" Cable Entry Boot for 1-1/4" Coax, 1 Run - Includes One 4" Boot, One Cushion and Two Clamps	EA	1.60
2195-EBT-158-1	Standard 4" Cable Entry Boot for 1-5/8" Coax, 1 Run - Includes One 4" Boot, One Cushion and Two Clamps	EA	1.50
2195-EBT-214-1	Standard 4" Cable Entry Boot for 2-1/4" Coax, 1 Run - Includes One 4" Boot, One Cushion and Two Clamps	EA	1.55
2195-EP-4-CAP	Entry Port Cap - 4"	EA	0.25
2195-PLG-12	Plug for Cable Boot for 1/2" Coax	EA	0.04
2195-PLG-78	Plug for Cable Boot for 7/8" Coax	EA	0.20
2195-PLG-114	Plug for Cable Boot for 1-1/4" Coax	EA	0.30
2195-PLG-158	Plug for Cable Boot for 1-5/8" Coax	EA	0.12



Entry Ports with 4" Openings (TC-COAX-18)

Item #	Description	Unit	Wt (lb)
2195-EP-1	Entry Port with One 4" Opening	EA	0.41
2195-EP-3	Entry Port with Three 4" Opening (1 Row of 3 Holes)	EA	2.98
2195-EP-4	Entry Port with Four 4" Openings (1 Row of 4 Holes)	EA	3.01
2195-EP-6	Entry Port with Six 4" Openings (2 Rows of 3 Holes each Row)	EA	5.94
2195-EP-8	Entry Port with Eight 4" Openings (2 Rows of 4 Holes each Row)	EA	7.20
2195-EP-12	Entry Port with Twelve 4" Openings (3 Rows of 4 Holes each Row)	EA	7.92



Click-On Coax Cable Clamp (TC-COAX-19)

Sold in kit of 10.

Item #	Description	Unit	Wt (lb)
2107-3G-12	3G Cable Clamp for 1/2" Coax (Kit of 10)	EA	2.00
2107-3G-78	3G Cable Clamp for 7/8" Coax (Kit of 10)	EA	2.00
2107-3G-114	3G Cable Clamp for 1-1/4" Coax (Kit of 10)	EA	3.00
2107-3G-158	3G Cable Clamp for 1-5/8" Coax (Kit of 10)	EA	4.00



Click-On Hardware Kit for Three Stack (TC-COAX-20)

Sold in kit of 10.

Item #	Description	Unit	Wt (lb)
2107-1278-KIT	3 Stack Click-On Hardware Set to Fit 1/2"-7/8" Coax (Kit of 10)	EA	3.02
2107-114158-KIT	3 Stack Click-On Hardware Set to Fit 1-1/4"-1-5/8" Coax (Kit of 10)	EA	4.00



Angle Adaptors (TC-COAX-21)

Item #	Description	Unit	Wt (lb)
2592	Stainless Steel Standard Angle Adaptor Beam Clamp for Butterfly Hanger	EA	4.82
2593	Stainless Steel Standard Angle Adaptor Beam Clamp - Accepts Snap in Hangers	EA	5.10



Illustrates the 2592

Illustrates the 2593

Ice Bridges - Two Pole (TC-IB2P)

All kits feature a 2' wide by 10' long hot dipped galvanized grip strut with a three level trapeze. Our trapeze kits include six snap-in and butterfly hanger holes per level. Snap-in and butterfly hangers are not included. Trapeze kits can also be ordered separately.

Item #	Description	Unit	Wt (lb)
2164NT-31215	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-NT-3L Easy Access Trapeze, 3 - 1/2" OD x 15' Poles	EA	427.00
2164NT-312106F	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-NT-3L Easy Access Trapeze, 3 - 1/2" OD x 10'-6" Poles with Feet	EA	395.00
2164	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-3L Easy Install Trapeze, 3 - 1/2" OD x 15' Poles	EA	445.00
2164-31221-A	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-3L Easy Install Trapeze 3-1/2" OD x 21' Poles	EA	597.00
2164-1	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-2L Easy Install Trapeze, 3 - 1/2" OD x 15' Poles	EA	494.00
2164SS	2-Leg Ice Bridge Kit with 3-1/2" OD x 15' Legs and with 3 Level Channel Strut Trapeze Kit - Trapeze Kit Uses 5/8" Stainless Steel Hardware	EA	515.00
2164-2	2 Leg Ice Bridge Kit with Top Mounted 2162C-4 Cantilever Brackets and 2164-2-1 Galvanized Angle Trapeze, 4" OD x 21' Poles	EA	575.00
2164-3	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-3L Easy Install Trapeze 3-1/2" OD x 15' Poles - Includes 2162-4 Ground Bar Mount and 2162-5 Duplexer Mount	EA	514.00
2164-3-106F	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-3L Easy Install Trapeze 3-1/2" OD x 10'-6" Poles with Feet - Includes 2162-4 Ground Bar Mount and 2162-5 Duplexer Mount	EA	N/A
2164-4	2 Leg Ice Bridge Kit with Top Mounted 2162C-4 Cantilever Brackets and 2164-3L Easy Install Trapeze 4" OD x 21' Poles - Includes 2162-4 Ground Bar Mount and 2162-5 Duplexer Mount	EA	676.00
2164-421-A	2 Leg Ice Bridge Kit with Top Mounted 2162C-4 Cantilever Brackets and 2164-3L Easy Install Trapeze 4" OD x 21' Poles	EA	541.00
2164-5	2 Leg Ice Bridge Kit with Top Mounted 2162C-4 Cantilever Brackets and 2164-3L Easy Install Trapeze 4" OD x 21' Leg and (1) 4" OD x 10.5' Leg with Foot - Includes 2162-4 Ground Bar Mount and 2162-5 Duplexer Mount	EA	591.00
2164-6	2 Leg Ice Bridge Kit with Top Mounted 2162C-4 Cantilever Brackets and 2164-3L Easy Install Trapeze - (1) 4" OD x 25' Leg and (1) 4" OD x 10' Leg with Foot- Includes 2162-4 Ground Bar Mount and 2162-5 Duplexer Mount	EA	631.00
2164-7	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-3L Easy Install Trapeze 3-1/2" OD x 14' Legs with Feet - Includes 2162-4 Ground Bar Mount and 2162-5 Duplexer Mount	EA	545.00
2164-8	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-3L Easy Install Trapeze with 3-1/2" OD x 15' Poles - Includes one 2162-6 Duplexer Rack	EA	513.00
2164-10	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-2-1 Galvanized Angle Trapeze with 3-1/2" OD x 15' Poles	EA	413.00
2164-10SS	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-2-1SS Galvanized Angle Trapeze (SS Hardware) with 3-1/2" OD x 15' Poles	EA	413.00
2164-12	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets and 2164-12-1 Galvanized Angle Trapeze with 3-1/2" OD x 15' Poles	EA	413.00
2164-12VT	12" Wide 2-Leg Ice Bridge Kit - Kit Utilizes Vertical Trapeze Hangers	EA	345.50
2164-24VT	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets, 2164VT 24" Vertical Trapeze, 3-1/2" OD x 15' Poles	EA	420.00
2164-24Z1	2 Leg Ice Bridge Kit with Top Mounted 2162C-312 Cantilever Brackets, 2107-15 Z-Bracket Trapeze, 3-1/2" OD x 15' Poles	EA	412.70



Ice Bridges - Four Pole (TC-IB4P)

All kits feature a 2' wide by 10' long hot dipped galvanized grip strut unless noted otherwise in the description. See item description for specific trapeze assembly. Our trapeze kits include six snap-in and butterfly hanger holes per level. Snap-in and butterfly hangers are not included. Trapeze kits can also be ordered separately.

Item #	Description	Unit	Wt (lb)
2165-3	4 Leg Ice Bridge Kit with Support Angle mounted below the Grip Strut and 2164-3L Three Level Easy Install Trapeze, 2-7/8" OD x 14' Poles	EA	530.00
2165-6	4 Leg Ice Bridge Kit with Support Angle mounted below the Grip Strut and 2164-3L Three Level Easy Install Trapeze, 3-1/2" OD x 15' Poles	EA	632.00
2165-6SA	4 Leg Ice Bridge Kit with 48" Support Angles Mounted Below the Grip Strut and 2164-3L Three Level Easy Install Trapeze, 3-1/2" OD x 15' Poles	EA	799.00
2165-6-21	4 Leg Ice Bridge Kit with Support Angle mounted below the Grip Strut and 2164-3L Three Level Easy Install Trapeze, 3-1/2" OD x 21' Poles	EA	824.00
2165-5	4 Leg Ice Bridge Kit with Support Angle mounted below the Grip Strut and 2164-2L Two Level Easy Install Trapeze, 4" OD x 15' Poles	EA	614.00
2165-6SS	4 Leg Ice Bridge Kit with Support Angle mounted below the Grip Strut and 2164-2-1SS Three Level Galvanized Angle Trapeze, 3-1/2" OD x 15' Poles	EA	635.00
2165-7	4 Leg Ice Bridge Kit with Support Angle mounted below the Grip Strut and 2164SS-1 Three Level Channel Strut Trapeze, 3-1/2" OD x 15' Poles	EA	658.50
2165-8	4 Leg Ice Bridge Kit with Support Angle mounted below the Grip Strut and 2164SS-1 Three Level Channel Strut Trapeze, 3-1/2" OD x 21' Poles	EA	8.43
2165	4 Leg Ice Bridge Kit with Poles U-Bolted Directly to the Grip Strut and 2164-2L Two Level Easy Install Trapeze, 2-7/8" OD x 14' Poles	EA	480.00
2165-1SS	4 Leg Ice Bridge Kit with Poles U-Bolted Directly to the Grip Strut and 2164-2-1SS Three Level Galvanized Angle Trapezes, 2-7/8" OD x 14' Poles	EA	480.00
2165-6072	4 Pole IceBridge Kit with 74" Support Angles Mounted Directly Below the Grip Strut, 5' x 6' Covered Area, No Trapeze Kits are included, 3-1/2" OD x 15' Poles	EA	715.00



Ice Bridges - Low Profile (TC-IBLP)

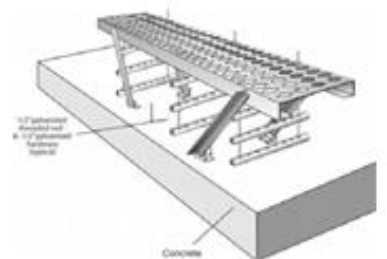
The waveguide ladder has pre-punched 3/4" snap-in hanger holes on 2-1/2" centers to accommodate eight runs of 1-5/8" coax. The 2167 has 36" legs for setting into a concrete pad. The 2167-1 has 18" legs with 6" x 6" feet for bolting to an existing pad. Galvanized bolts and hardware are included. Snap-in hangers are not included.

Item #	Description	Unit	Wt (lb)
2167	4 Leg Low Profile Ice Bridge Kit with 12" Tall - 3-1/2" OD Pipe Legs	EA	205.00
2167-1	4 Leg Low Profile Ice Bridge Kit with 18" Tall - 3-1/2" OD Pipe Legs with Feet	EA	225.00



Ice Bridge - Cable Bridge (TC-IBLP-01)

Item #	Description	Unit	Wt (lb)
2168	Cable Bridge Kit	EA	219.00



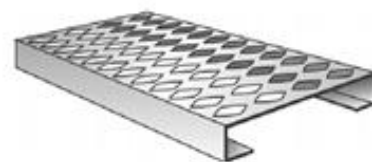
Ice Bridge - Equipment Rack (TC-IBER)

Item #	Description	Unit	Wt (lb)
2166	2-Leg Icebridge Kit/Equipment Rack with 3-1/2" OD Pipe Legs, Channel Strut and Wave Guide Ladder	EA	495.00



Grip Strut (TC-IBA-01)

Item #	Description	Unit	Wt (lb)
2160-12-21012HDG	Grip Strut 12" Nominal Width (11-3/4" Actual) x 2" Deep x 10' Long - Hot Dipped Galvanized	EA	44.67
2160-12-31012HDG	Grip Strut 12" Nominal Width (11-3/4" Actual) x 3" Deep x 10' Long - Hot Dipped Galvanized	EA	67.00
2160-12-31012PG	Grip Strut 12" Nominal Width (11-3/4" Actual) x 3" Deep x 10' Long - Pregalvanized	EA	66.00
2160-24-21014PG	Pregalvanized Grip Strut 24" Nominal Width (23-3/4" Actual) x 2" Deep x 10' Length	EA	39.25
2160-24-31012HDG	Grip Strut 24" Nominal Width (23-3/4" Actual) x 3" Deep x 10' Long - Hot Dipped Galvanized	EA	122.00
2160-24-31012PG	Grip Strut 24" Nominal Width (23-3/4" Actual) x 3" Deep x 10' Long - Pregalvanized	EA	122.00



Ice Bridge Angled Extension (TC-IBA-02)

The angled ice bridge extension is fabricated from galvanized grip strut and includes the splice plate and angle bracing. This kit allows you to extend an existing ice bridge to match the bend of the coax from the tower. The extension can be set in the field from a 30 degree angle up to a 60 degree angle. All mounting hardware is included for easy installation. The 2162-SP includes all the parts in the 2162-2, excluding the grip strut and adding two 10' angle braces for flexibility of installation.

Item #	Description	Unit	Wt (lb)
2161-2	Two Foot Icebridge Extension Kit	EA	38.00
2161-SP	Splice Plate with Two Angle Arms to Field Fabricate an Icebridge Extension	EA	31.00



Ice Bridge Channel Cantilever Support (TC-IBA-11)

The galvanized steel channel cantilever support is designed to attach grip strut to a 3-1/2" or 4" OD pole. Galvanized mounting hardware is included. Two kits are recommended for each ice bridge. Grip strut and pipe are sold separately.

Item #	Description	Unit	Wt (lb)
2162C-312	Ice Bridge Cantilever Channel Support Bracket Kit for 3-1/2" OD Pipe Leg, Kit Includes Attachment Hardware, and Cantilever Bracket	EA	15.00
2162C-4	Ice Bridge Cantilever Channel Support Bracket Kit for 4" OD Pipe Leg, Kit Includes Attachment Hardware, Cantilever Bracket, and Pipe Cap	EA	16.00



Ice Bridge Cantilever Support for 12" Grip Strut (TC-IBA-03a)

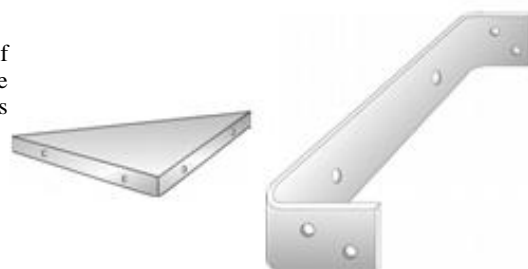
Item #	Description	Unit	Wt (lb)
2162-12	Cantilever Bracket Kit for 12" Wide Grip Strut - Fits 3-1/2" OD Pipe	EA	10.30



Ice Bridge Filler Panel and End Cap Kits (TC-IBA-04)

The galvanized steel ice bridge filler panels are designed to connect and fill-in the corner of two 24" wide ice bridges. The filler panel provides protection for horizontal coax sweeps. The filler panel included two 2162-1 ice bridge end caps for mounting. All mounting hardware is included.

Item #	Description	Unit	Wt (lb)
2162	90 Degree Ice Bridge Filler Panel Kit - Includes Panel, (2) End Caps and Hardware	EA	33.00
2162-45	45 Degree Ice Bridge Filler Panel Kit - Includes Panel, (2) End Caps and Hardware	EA	32.00
2162-1	Ice Bridge End Cap Only with Hardware	EA	8.70



Ice bridge end cap (2 included with kit)

Ice Bridge Splice Kit (TC-IBA-10)

The ice bridge splice kit is designed to connect 3" deep grip strut. All necessary hardware is included. Field drilling of grip strut is required. Grip strut not included.

Item #	Description	Unit	Wt (lb)
2162-SP	Ice Bridge Splice Kit	EA	26.90



Trapeze Kit - Easy Install (TC-TPZ-01)

This innovative galvanized steel trapeze kit reduces the installation time and expense of standard threaded rod and unistrut designs. The rungs have six 3/4" and 7/16" holes on 2-1/2" centers to accommodate snap-in or butterfly hangers. The L-brackets attach to the grip strut. The horizontal support is the same sturdy and versatile mount as used in our popular waveguide ladders. The kits are available in two, three or four level configurations with all necessary hardware. Snap-in or butterfly hangers not included.

Item #	Description	Unit	Wt (lb)
2164-2L	Two Level Ice Bridge Trapeze Kit with Hardware	EA	14.00
2164-3L	Three Level Ice Bridge Trapeze Kit with Hardware	EA	16.00
2164-4L	Four Level Ice Bridge Trapeze Kit with Hardware	EA	18.00



Trapeze Kit - Angle/Threaded Rod (TC-TPZ-02)

The three level galvanized steel angle trapeze kit has 3/4" and 7/16" holes on 3" centers to accommodate snap-in or butterfly hangers. Stainless steel or galvanized steel hardware is available. Snap-in or butterfly hangers are not included.

Item #	Description	Unit	Wt (lb)
2164-2-1	Three Level Angle Ice Bridge Trapeze Kit with 3/8" Threaded Rod and Hardware	EA	13.00
2164-12-1	Three Level Trapeze Kit with Angle Rungs and 1/2" All Thread and Hardware	EA	15.00
2164-2-1SS	Three Level Angle Trapeze Kit with 3/8" Stainless Steel All-Thread and Stainless Steel Hardware	EA	13.00



Trapeze Kit - Channel Strut/Threaded Rod (TC-TPZ-03)

The galvanized channel strut trapeze kit is fabricated with 3/4" and 7/16" holes on 3" centers to accommodate snap-in or butterfly hangers. Three levels of channel strut accommodate up to 18 runs of 1-5/8" coax. All stainless steel hardware is included. Snap-in or butterfly hangers not included.

Item #	Description	Unit	Wt (lb)
2164SS-1	Three Level Ice Bridge Trapeze Kit with 5/8" Stainless Steel Threaded Rod and Hardware	EA	17.30



Trapeze Kit - Vertical (TC-TPZ-04)

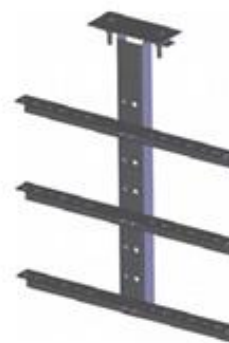
Item #	Description	Unit	Wt (lb)
2164VT	Vertical Trapeze Kit - Includes One Vertical Trapeze and Hardware	EA	5.10



Trapeze Kit - Easy Access (TC-TPZ-05)

This galvanized steel trapeze kit reduces the installation time by allowing easy access from each side after the trapeze is attached to the ice bridge. The rungs have six 3/4" and 7/16" holes on 2-1/2" centers to accommodate snap-in or butterfly hangers. The kit includes all necessary hardware for attachment to the center of the grip strut. Snap-in or butterfly hangers not included.

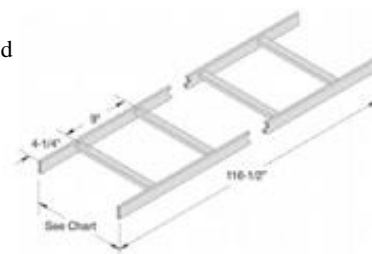
Item #	Description	Unit	Wt (lb)
2164-NT-3L	Three Level Easy Access Trapeze Kit with Hardware	EA	11.50



Cable Rack with 1-1/2" Tubular Stringers (TC-CRA-01)

The cable rack is used the support cable in telco shelters. The steel cable rack 1/2" x 1" steel channel rungs and 3/8" x 1-1/2" steel stringers. Available in 12", 18" and 24" widths with telco gray or yellow and zinc finish.

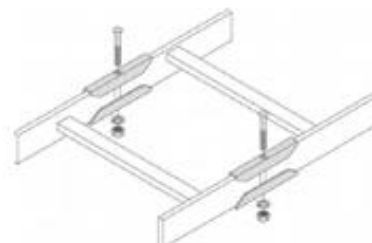
Item #	Description	Unit	Wt (lb)
2135-12-G	12" Cable Rack - 116-1/2" x 1-1/2" Tube Gray	EA	22.00
2135-18-G	18" Cable Rack - 116-1/2" x 1-1/2" Tube Gray	EA	26.00
2135-24-G	24" Cable Rack - 116-1/2" x 1-1/2" Tube Gray	EA	29.00
2135-12-YZ	12" Cable Rack - 116-1/2" x 1-1/2" Tube Yellow Zinc	EA	22.00
2135-18-YZ	18" Cable Rack - 116-1/2" x 1-1/2" Tube Yellow Zinc	EA	26.00
2135-24-YZ	24" Cable Rack - 116-1/2" x 1-1/2" Tube Yellow Zinc	EA	29.00
2135-EC	1-1/2" Black Rubber End Cap for Tubular Cable Rack	PR	0.12



Cable Rack Splice Kit (TC-CRA-02)

This 11 gauge steel yellow and zinc finished splice plate connects our cable rack sections. The kit is designed to fit 3/8" x 1-1/2" stringers. Four clamp plates are included in the kit with all necessary hardware.

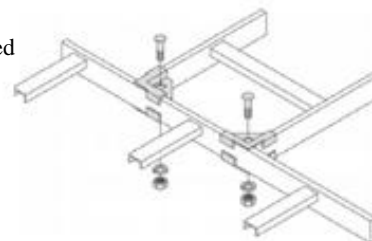
Item #	Description	Unit	Wt (lb)
2135-SPLICE	Splice Kit for 1-1/2" Cable Rack	EA	1.90
2135-PIVOTSPLICE	Pivot Splice Kit for 1-1/2" Cable Rack	EA	3.20



Cable Rack "T" Junction Corner Clamp Kit (TC-CRA-03)

This 13 gauge steel yellow and zinc finished corner clamp connects our cable rack sections. The kit is designed to fit 3/8" x 1-1/2" stringers. Four corner clamps are included in the kit with all necessary hardware.

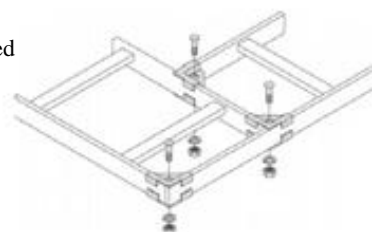
Item #	Description	Unit	Wt (lb)
2135-T	Corner Clamp Kit "T" Junction for 1-1/2" Cable Rack	EA	0.70



Cable Rack 90 Degree Corner Clamp Kit (TC-CRA-04)

This 13 gauge steel yellow and zinc finished corner clamp connects our cable rack sections. The kit is designed to fit 3/8" x 1-1/2" stringers. Six corner clamps are included in the kit with all necessary hardware.

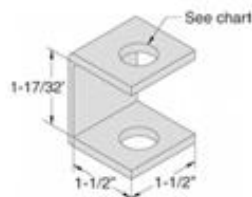
Item #	Description	Unit	Wt (lb)
2135-90	Corner Clamp Kit for 90 Degree Cable Rack Turn	EA	0.90



Cable Rack Hanger Bracket Kit (TC-CRA-05)

The seven gauge steel yellow and zinc finished bracket kit connects our cable rack sections vertically. The kit contains two brackets and lockwashers with four hex nuts.

Item #	Description	Unit	Wt (lb)
2136-12	Hanger Bracket Kit for 1/2" All Thread for 1-1/2" Cable Rack	EA	0.50
2136-58	Hanger Bracket Kit for 5/8" All Thread for 1-1/2" Cable Rack	EA	0.70

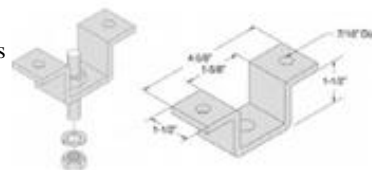


Typical application

Cable Rack Ceiling Hanger Bracket Kit (TC-CRA-06)

The 1/4" steel yellow and zinc finished bracket kit connects our cable rack sections to ceilings. Kit contains one hanger bracket and lockwasher with two 5/8" hex nuts. A 5/8" threaded rod not included.

Item #	Description	Unit	Wt (lb)
2136-CH-58	Ceiling Hanger Bracket Kit for 5/8" All Thread	EA	0.30



Cable Rack Wall Angle Kit (TC-CRA-07)

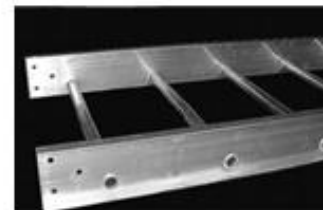
Used to connect our cable rack sections to walls or other structures, we offer steel wall angle kits in two different finishes (hot dip galvanized or powder coated in telco gray) and a variety of sizes. Each kit kit contains one angle, J-bolts, lockwashers and nuts. The hardware required to mount the angle to the wall is not included.

Item #	Description	Unit	Wt (lb)
2136G-ANGLE-12	Galvanized Wall Angle Kit to Support 12" Cable Rack - Includes Stainless Steel Hardware	EA	N/A
2136G-ANGLE-24	Galvanized Wall Angle Kit to Support 24" Cable Rack - Includes Stainless Steel Hardware	EA	N/A
2136-ANGLE-612	Powered Coated Wall Angle Kit to Support Cable Rack 6", 9" or 12" - Includes Gold Anodized Hardware	EA	4.00
2136-ANGLE-1524	Powder Coated Wall Angle Kit to Support Cable Rack 15", 18" and 24" - Includes Gold Anodized Hardware	EA	7.00



Cable Tray - Light Duty 12' Aluminum Straight (TC-CTA-LT-01)

Item #	Description	Unit	Wt (lb)
2012ALD-3912-TJC	Light Duty Aluminum Cable Tray 12" Wide x 12' Long with 3" Usable Load Depth and 9" Rung Spacing	EA	15.16
2018ALD-3912-TJC	Light Duty Aluminum Cable Tray 18" Wide x 12' Long with 3" Usable Load Depth and 9" Rung Spacing	EA	16.52
2024ALD-3912-TJC	Light Duty Aluminum Cable Tray 24" Wide x 12' Long with 3" Usable Load Depth and 9" Rung Spacing	EA	17.88
2018ALD-4912-TJC	Light Duty Aluminum Cable Tray 18" Wide x 12' Long with 4" Usable Load Depth and 9" Rung Spacing	EA	17.54
2024ALD-6912-TJC	Light Duty Aluminum Cable Tray 24" Wide x 12' Long with 6" Usable Load Depth and 9" Rung Spacing	EA	22.77
2012ALD-4912-GSM	Light Duty Aluminum Cable Tray 12" Wide x 12' Long with 4" Nominal Load Depth (3-3/4") Usable Load Depth and 9" Rung Spacing	EA	15.20
2018ALD-4912-GSM	Light Duty Aluminum Cable Tray 18" Wide x 12' Long with 4" Nominal Load Depth (3-3/4") Usable Load Depth and 9" Rung Spacing	EA	16.50
2024ALD-4912-GSM	Light Duty Aluminum Cable Tray 24" Wide x 12' Long with 4" Nominal Load Depth (3-3/4") Usable Load Depth and 9" Rung Spacing	EA	17.90
2024ALD-6912-GSM	Light Duty Aluminum Cable Tray 24" Wide x 12' Long with 6" Nominal Load Depth (5-3/4") Usable Load Depth and 9" Rung Spacing	EA	28.40



Cable Tray - Light Duty 24" Radius Rail Aluminum Elbow (TC-CTA-LT-02)

Item #	Description	Unit	Wt (lb)
2012ALD-4H9024-GSM	12" Wide Light Duty Aluminum 90 Degree Horizontal Bend Elbow 4" Nominal Load Depth (3-3/4") Usable Load EA Depth with 24" Radius	EA	6.00
2018ALD-4H9024-GSM	18" Wide Light Duty Aluminum 90 Degree Horizontal Bend Elbow 4" Nominal Load Depth (3-3/4") Usable Load EA Depth with 24" Radius	EA	7.30
2024ALD-4H9024-GSM	24" Wide Light Duty Aluminum 90 Degree Horizontal Bend Elbow 4" Nominal Load Depth (3-3/4") Usable Load EA Depth with 24" Radius	EA	8.60
2024ALD-6H9024-GSM	24" Wide Light Duty Aluminum 90 Degree Horizontal Bend Elbow 6" Nominal Load Depth (5-3/4") Usable Load EA Depth with 24" Radius	EA	9.90
2012ALD-4V19024-GSM	12" Wide Light Duty Aluminum 90 Degree Vertical Inside Bend Elbow 4" Nominal Load Depth (3-3/4") Usable EA Load Depth with 24" Radius	EA	2.60
2018ALD-4V19024-GSM	18" Wide Light Duty Aluminum 90 Degree Vertical Inside Bend Elbow 4" Nominal Load Depth (3-3/4") Usable EA Load Depth with 24" Radius	EA	2.60
2024ALD-4V19024-GSM	24" Wide Light Duty Aluminum 90 Degree Vertical Inside Bend Elbow 4" Nominal Load Depth (3-3/4") Usable EA Load Depth with 24" Radius	EA	3.60
2024ALD-6V19024-GSM	24" Wide Light Duty Aluminum 90 Degree Vertical Inside Bend Elbow 6" Nominal Load Depth (5-3/4") Usable EA Load Depth with 24" Radius	EA	7.70
2012ALD-4V09024-GSM	12" Wide Light Duty Aluminum 90 Degree Vertical Outside Bend Elbow 4" Nominal Load Depth (3-3/4") Usable EA Load Depth with 24" Radius	EA	2.60
2018ALD-4V09024-GSM	18" Wide Light Duty Aluminum 90 Degree Vertical Outside Bend Elbow 4" Nominal Load Depth (3-3/4") Usable EA Load Depth with 24" Radius	EA	2.60
2024ALD-4V09024-GSM	24" Wide Light Duty Aluminum 90 Degree Vertical Outside Bend Elbow 4" Nominal Load Depth (3-3/4") Usable EA Load Depth with 24" Radius	EA	3.60
2024ALD-6V09024-GSM	24" Wide Light Duty Aluminum 90 Degree Vertical Outside Bend Elbow 6" Nominal Load Depth (5-3/4") Usable EA Load Depth with 24" Radius	EA	8.20
2012ALD-4H4524-GSM	12" Wide Light Duty Aluminum 45 Degree Horizontal Bend Elbow 4" Nominal Load Depth (3-3/4") Usable Load EA Depth with 24" Radius	EA	3.50
2018ALD-4H4524-GSM	18" Wide Light Duty Aluminum 45 Degree Horizontal Bend Elbow 4" Nominal Load Depth (3-3/4") Usable Load EA Depth with 24" Radius	EA	4.20
2024ALD-4H4524-GSM	24" Wide Light Duty Aluminum 45 Degree Horizontal Bend Elbow 4" Nominal Load Depth (3-3/4") Usable Load EA Depth with 24" Radius	EA	5.60
2024ALD-6H4524-GSM	24" Wide Light Duty Aluminum 45 Degree Horizontal Bend Elbow 6" Nominal Load Depth (5-3/4") Usable Load EA Depth with 24" Radius	EA	5.70



90 degree vertical outside elbow



90 degree vertical inside elbow

Cable Tray - Light Duty 4" Rail Aluminum Tee with 3" Load Depth (TC-CTA-LT-03)

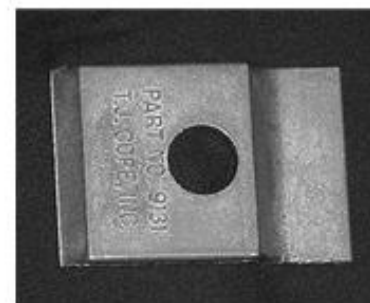
Item #	Description	Unit	Wt (lb)
2012ALD-4HT24-GSM	12" Wide Aluminum Light Duty Horizontal Tee with 4" Nominal Load Depth (3-3/4") Usable Load Depth EA and 24" Radius	EA	11.80
2018ALD-4HT24-GSM	18" Wide Aluminum Light Duty Horizontal Tee with 4" Nominal Load Depth (3-3/4") Usable Load Depth EA and 24" Radius	EA	13.50
2024ALD-4HT24-GSM	24" Wide Aluminum Light Duty Horizontal Tee with 4" Nominal Load Depth (3-3/4") Usable Load Depth EA and 24" Radius	EA	15.20



Tee

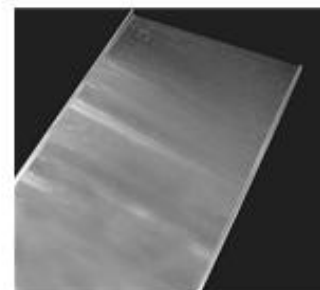
Cable Tray Hold Down Clamp (TC-CTA-01)

Item #	Description	Unit	Wt (lb)
2000-HDC-TJC	Cable Tray Hold Down Clamp	EA	0.10



Cable Tray - Light Duty Aluminum Non-Vented Cover (TC-CTCC-01)

Item #	Description	Unit	Wt (lb)
2012ALDC-12	12' Long Aluminum Flat Flange Straight Cable Tray Cover for 12" Cable Tray - Fits Both GSM and TJC Tray	EA	9.20
2018ALDC-12	12' Long Aluminum Flat Flange Straight Cable Tray Cover for 18" Cable Tray - Fits Both GSM and TJC Tray	EA	12.00
2024ALDC-12	12' Long Aluminum Flat Flange Straight Cable Tray Cover for 24" Cable Tray - Fits Both GSM and TJC Tray	EA	15.40
2012ALD-H4524C-GSM	12" Aluminum Light Duty 45 Degree Horizontal Cover with 24" Radius	EA	1.70
2018ALD-H4524C-GSM	18" Aluminum Light Duty 45 Degree Horizontal Bend Cover with 24" Radius	EA	2.00
2024ALD-H4524C-GSM	24" Aluminum Light Duty 45 Degree Horizontal Cover with 24" Radius	EA	3.60
2012ALD-H9024C-GSM	12" Aluminum Light Duty 90 Degree Horizontal Bend Cover with 24" Radius	EA	2.40
2018ALD-H9024C-GSM	18" Aluminum Light Duty 90 Degree Horizontal Bend Cover with 24" Radius	EA	4.00
2024ALD-H9024C-GSM	24" Aluminum Light Duty 90 Degree Horizontal Bend Cover with 24" Radius	EA	5.60
2012ANF-VI9024C-GSM	Non Flanged 12" 90 Degree Aluminum Light Duty Cover for Vertical Inside Elbow with 24" Radius	EA	2.90
2018ANF-VI9024C-GSM	Non Flanged 18" 90 Degree Aluminum Light Duty Cover for Vertical Inside Elbow with 24" Radius	EA	2.90
2024ANF-VI9024C-GSM	Non Flanged 24" 90 Degree Aluminum Light Duty Cover for Vertical Inside Elbow with 24" Radius	EA	3.70
2012ANF-VO9024C-GSM	Non Flanged 12" 90 Degree Aluminum Light Duty Cover for Vertical Outside Elbow with 24" Radius	EA	2.70
2018ANF-VO9024C-GSM	Non Flanged 18" 90 Degree Aluminum Light Duty Cover for Vertical Outside Elbow with 24" Radius	EA	3.60
2024ANF-VO9024C-GSM	Non Flanged 24" 90 Degree Aluminum Light Duty Cover for Vertical Outside Elbow with 24" Radius	EA	4.50
2012ALD-HT24C-GSM	12" Aluminum Light Duty Horizontal Tee Cover with 24" Radius	EA	6.70
2018ALD-HT24C-GSM	18" Aluminum Light Duty Horizontal Tee Cover with 24" Radius	EA	7.70
2024ALD-HT24C-GSM	24" Aluminum Light Duty Horizontal Tee Cover with 24" Radius	EA	11.40



Cable Tray - Horizontal Adjustable Connector Plates (TC-CTCC-02)

Aluminum plate connectors, sold in pairs (inner and outer).

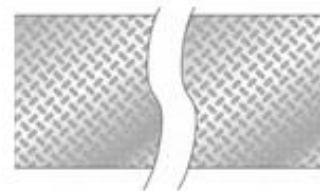
Item #	Description	Unit	Wt (lb)
2000-4SPCH-GSM	Horizontal Adjustable Splice Plates for 4" Nominal Load Depth (3-3/4") Usable Load Depth Cable Tray	PR	2.90



Cable Tray - Diamond Plate Covers (TC-CRA-08)

The diamond plate cover is used to cover cable trays.

Item #	Description	Unit	Wt (lb)
2012ADPC-4	4' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 12" Cable Tray	EA	7.70
2012ADPC-6	6' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 12" Cable Tray	EA	13.20
2012ADPC-8	8' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 12" Cable Tray	EA	15.40
2012ADPC-12	12' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 12" Cable Tray	EA	24.40
2018ADPC-4	4' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 18" Cable Tray	EA	11.50
2018ADPC-6	6' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 18" Cable Tray	EA	19.00
2018ADPC-8	8' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 18" Cable Tray	EA	23.00
2018ADPC-12	12' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 18" Cable Tray	EA	39.00
2024ADPC-4	4' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 24" Cable Tray	EA	15.40
2024ADPC-6	6' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 24" Cable Tray	EA	22.95
2024ADPC-8	8' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 24" Cable Tray	EA	30.70
2024ADPC-12	12' Long Aluminum Diamond Plate Flat Straight Cable Tray Cover for 24" Cable Tray	EA	46.20
2197	1/8" x 24" x 8' Galvanized Diamond Plate	EA	105.00
A2197	1/8" x 24" x 8' Aluminum Diamond Plate	EA	31.00



Cable Tray - Vertical Adjustable Connector (TC-CTCC-04)

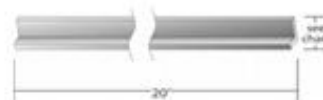
Aluminum plate connector. Sold in pairs.

Item #	Description	Unit	Wt (lb)
2000-4SPCV-GSM	Vertical Adjustable Splice Plates for 4" Nominal Load Depth (3-3/4") Usable Load Depth Cable Tray	PR	1.50



Galvanized Angle (TC-ACC-01)

Item #	Description	Unit	Wt (lb)
2124-181.51.5	1/8" x 1-1/2" x 1-1/2" x 20' Galvanized Steel Angle	EA	26.00
2124-1822	1/8" x 2" x 2" x 20' Galvanized Steel Angle	EA	35.00
2124-31622	3/16" x 2" x 2" x 20' Galvanized Steel Angle	EA	52.00
2124-31633	3/16" x 3" x 3" x 20' Galvanized Steel Angle	EA	78.50
2124-1422	1/4" x 2" x 2" x 20' Galvanized Steel Angle	EA	68.00
2124-1433	1/4" x 3" x 3" x 20' Galvanized Steel Angle	EA	104.00
2124-1444	1/4" x 4" x 4" x 20' Galvanized Steel Angle	EA	140.00
2124-51633	5/16" x 3" x 3" x 20' Galvanized Steel Angle	EA	129.00



Galvanized Steel Post Cap (TC-ACC-02)

Item #	Description	Unit	Wt (lb)
5202-1.5	Galvanized Steel Post Cap for 1-1/2" Schedule 40 Steel Pipe (1.9" Od)	EA	0.16
5202-2	Galvanized Steel Post Cap for 2" Schedule 40 Steel Pipe (2-3/8" Od)	EA	0.25
5202-2.5	Galvanized Steel Post Cap for 2-1/2" Schedule 40 Steel Pipe (2-7/8" Od)	EA	0.30
5202-3	Galvanized Steel Post Cap for 3" Schedule 40 Steel Pipe (3-1/2" OD)	EA	0.80
5202-3.5	Galvanized Steel Post Cap for 3-1/2" Schedule 40 Steel Pipe (4" OD)	EA	0.54
5202-4	Galvanized Steel Post Cap for 4" Schedule 40 Steel Pipe (4-1/2" OD)	EA	1.34



Grating Fastener (TC-ACC-04)

Includes grating clip, bolt and flange C-clamp.

Item #	Description	Unit	Wt (lb)
2199	Grating Fastener to Fit 1" Grating and 1/4" - 3/4" Flange - Includes Grating Clip, Bolt and Flange C-Clamp	EA	0.20
2199-1	Grating Fastener to Fit 1-1/2" Grating and 1/4" - 3/4" Flange - Includes Grating Clip, Bolt and Flange C-Clamp	EA	0.20



Hose Clamp - Stainless Steel (TC-ACC-05)

Item #	Description	Unit	Wt (lb)
2193-1916-212	#32 Stainless Steel Hose Clamp Fits 1-9/16" - 2 1/2" Hose	EA	0.10
2193-238-512	#80 Stainless Steel Hose Clamp Fits 2-3/8" to 5-1/2" Hose	EA	0.10
2193-512-8	#128 Stainless Steel Hose Clamp Fits 5-1/2" to 8" Hose	EA	0.10



Banding and Accessories (TC-ACC-06)

Includes 100' of banding, 28 adjustable fasteners and five band splices.

Item #	Description	Unit	Wt (lb)
2193-KIT	1/2" x 100' Make A Clamp Stainless Steel Banding Kit - Includes 100' of Banding, 28 Adjustable Fasteners and 5 Band Splices	EA	4.70
2193-BI-STRAP	1/2" x 100' Stainless Steel Strap - .025 Thickness	EA	4.42
2193-BI-SEAL	Scru-Seals and Racks for 1/2" Banding - 10 Seals and 10 Racks per Package	BOX	0.70
2193-BI-VC	Stainless Steel Clips for 1/2" Banding - 100/Box	BOX	0.98
2193-BI-TOOL	Band-It Tool	EA	4.46
2193-WL-KIT	1/2" x 100' Wraplock Stainless Steel Banding Kit - Includes 100' of Banding, 25 Fasteners and 1 Installation Tool	EA	2.80



Ground Stabilizer Fabric (TC-ACC-10)

Item #	Description	Unit	Wt (lb)
9090	Ground Stabilizer Fabric (12.5' x 432' = 600 Square Yards)	EA	200.00



PVC Conduit (EC-CON-01-01)

Item #	Description	Unit	Wt (lb)
5220-12	Schedule 40 1/2" Diameter x 10' PVC Conduit Gray	EA	1.60
5220-34	Schedule 40 3/4" Diameter x 10' PVC Conduit Gray	EA	2.20
5220-1	Schedule 40 1" Diameter x 10' PVC Conduit Gray	EA	3.20
5220-114	Schedule 40 1-1/4" Diameter x 10' PVC Conduit Gray	EA	4.30
5220-112	Schedule 40 1-1/2" Diameter x 10' PVC Conduit Gray	EA	5.20
5220-2	Schedule 40 2" Diameter x 10' PVC Conduit Gray	EA	7.00
5220-212	Schedule 40 2-1/2" Diameter x 10' PVC Conduit Gray	EA	1.11
5220-3	Schedule 40 3" Diameter x 10' PVC Conduit Gray	EA	15.60
5220-4	Schedule 40 4" Diameter x 10' PVC Conduit Gray	EA	22.30
5220-6	Schedule 40 6" Diameter x 10' PVC Conduit Gray	EA	3.64
5221-12	Sch 80 1/2" Dia PVC Conduit	EA	2.06
5221-34	Sch 80 3/4" Dia PVC Conduit	EA	2.80
5221-114	Schedule 80 1-1/4" Diameter PVC Conduit	EA	5.70
5221-112	Schedule 80 1-1/2" Diameter PVC Conduit	EA	6.90
5221-2	Schedule 80 2" Diameter PVC Conduit	EA	9.70
5221-212	Schedule 80 2-1/2" Diameter PVC Conduit	EA	1.46
5221-3	Schedule 80 3" Diameter PVC Conduit	EA	19.70
5221-4	Schedule 80 4" Diameter PVC Conduit	EA	22.30



PVC Female Adapter (EC-CON-01-02)

Item #	Description	Unit	Wt (lb)
5213-12	1/2" PVC Female Adapter	EA	0.10
5213-34	3/4" PVC Female Adapter	EA	0.10
5213-1	1" PVC Female Adapter	EA	0.10
5213-114	1- 1/4" PVC Female Adapter	EA	0.10
5213-112	1- 1/2" PVC Female Adapter	EA	0.10
5213-2	2" PVC Female Adapter	EA	0.20
5213-3	3" PVC Female Adapter	EA	0.50
5213-4	4" PVC Female Adapter	EA	0.70



PVC Male Adapters (EC-CON-01-03)

Item #	Description	Unit	Wt (lb)
5211-12	1/2" PVC Male Adapter	EA	0.10
5211-34	3/4" PVC Male Adapter	EA	0.10
5211-1	1" PVC Male Adapter	EA	0.10
5211-114	1- 1/4" PVC Male Adapter	EA	0.10
5211-112	1- 1/2" PVC Male Adapter	EA	0.10
5211-2	2" PVC Male Adapter	EA	0.10
5211-212	2-1/2" PVC Male Adapter	EA	N/A
5211-3	3" PVC Male Adapter	EA	0.40
5211-4	4" PVC Male Adapter	EA	0.50



PVC Couplings (EC-CON-01-04)

Item #	Description	Unit	Wt (lb)
5214-12	1/2" PVC Coupling	EA	0.10
5214-34	3/4" PVC Coupling	EA	0.10
5214-1	1" PVC Coupling	EA	0.10
5214-114	1- 1/4" PVC Coupling	EA	0.10
5214-112	1- 1/2" PVC Coupling	EA	0.10
5214-2	2" PVC Coupling	EA	0.20
5214-3	3" PVC Coupling	EA	0.60
5214-4	4" PVC Coupling	EA	0.80
5214-6	6" PVC Coupling	EA	N/A



PVC Two Piece Expansion Couplings (EC-CON-01-11)

Item #	Description	Unit	Wt (lb)
5214-EXP-12	1/2" PVC Two Piece Expansion Coupling	EA	0.48
5214-EXP-34	3/4" PVC Two Piece Expansion Coupling	EA	0.50
5214-EXP-114	1-1/4" PVC Two Piece Expansion Coupling	EA	1.00
5214-EXP-112	1-1/2" PVC Two Piece Expansion Coupling	EA	1.40
5214-EXP-1	1" PVC Two Piece Expansion Coupling	EA	0.80
5214-EXP-2	2" PVC Two Piece Expansion Coupling	EA	2.00
5214-EXP-3	3" PVC Two Piece Expansion Coupling	EA	3.08
5214-EXP-4	4" PVC Two Piece Expansion Coupling	EA	4.34
5214-EXP-6	6" PVC Two Piece Expansion Coupling	EA	8.00



PVC 90 deg Elbow with Plain End (EC-CON-01-05)

Item #	Description	Unit	Wt (lb)
5216-12	1/2" Sch 40 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	0.10
5216-34	3/4" Sch 40 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	0.20
5216-1	1" Sch 40 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	0.30
5216-114	1-1/4" Sch 40 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	0.60
5216-112	1-1/2" Sch 40 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	0.80
5216-2	2" Sch 40 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	1.30
5216-212	2-1/2" Sch 40 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	N/A
5216-2-24	2" Sch 40 PVC 90 Degree Elbow with 24" Radius and Plain End	EA	2.60
5216-2-36	2" Sch 40 PVC 90 Degree Elbow with 36" Radius and Plain End	EA	3.80
5216-3	3" Sch 40 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	3.70
5216-3-24	3" Sch 40 PVC 90 Degree Elbow with 24" Radius and Plain End	EA	6.10
5216-3-36	3" Sch 40 PVC 90 Degree Elbow with 36" Radius and Plain End	EA	8.70
5216-4	4" Sch 40 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	6.00
5216-4-24	4" Sch 40 PVC 90 Degree Elbow with 24" Radius and Plain End	EA	9.00
5216-4-36	4" Sch 40 PVC 90 Degree Elbow with 36" Radius and Plain End	EA	12.80
5216-6-36	6" Sch 40 PVC 90 Degree Elbow with 36" Radius and Plain End	EA	N/A
5216-114-80	1-1/4" Sch 80 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	0.90
5216-112-80	1-1/2" Sch 80 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	1.20
5216-2-80	2" Sch 80 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	2.40
5216-2-36-80	2" Sch 80 PVC 90 Degree Elbow with 36" Radius and Plain End	EA	5.20
5216-3-80	3" Sch 80 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	4.30
5216-3-36-80	3" Sch 80 PVC 90 Degree Elbow with 36" Radius and Plain End	EA	11.70
5216-4-80	4" Sch 80 PVC 90 Degree Elbow with Standard Radius and Plain End	EA	8.80
5216-4-36-80	4" Sch 80 PVC 90 Degree Elbow with 36" Radius and Plain End	EA	17.70



PVC 45 deg Elbow with Plain End (EC-CON-01-06)

Item #	Description	Unit	Wt (lb)
5215-12	1/2" Sch 40 PVC 45 Degree Elbow with Standard Radius and Plain End	EA	0.10
5215-34	3/4" Sch 40 PVC 45 Degree Elbow with Standard Radius and Plain End	EA	0.20
5215-1	1" Sch 40 PVC 45 Degree Elbow with Standard Radius and Plain End	EA	0.30
5215-114	1-1/4" Sch 40 PVC 45 Degree Elbow with Standard Radius and Plain End	EA	0.40
5215-112	1-1/2" Sch 40 PVC 45 Degree Elbow with Standard Radius and Plain End	EA	0.50
5215-2	2" Sch 40 PVC 45 Degree Elbow with Standard Radius and Plain End	EA	0.90
5215-3	3" Sch 40 PVC 45 Degree Elbow with Standard Radius and Plain End	EA	2.20
5215-4	4" Sch 40 PVC 45 Degree Elbow with Standard Radius and Plain End	EA	3.80
5215-6	6" Sch 40 PVC 45 Degree Elbow with Standard Radius and Plain End	EA	N/A



PVC Reducer Coupling (EC-CON-01-07)

Item #	Description	Unit	Wt (lb)
5217-32	3" to 2" PVC Reducer	EA	0.70
5217-43	4" to 3" PVC Reducer	EA	0.80



PVC End Caps (EC-CON-01-08)

Item #	Description	Unit	Wt (lb)
5210-12	1/2" PVC Cap	EA	0.10
5210-34	3/4" PVC Cap	EA	0.10
5210-1	1" PVC Cap	EA	0.10
5210-114	1- 1/4" PVC Cap	EA	0.10
5210-112	1- 1/2" PVC Cap	EA	0.10
5210-2	2" PVC Caps	EA	0.10
5210-212	2-1/2" PVC Caps	EA	0.10
5210-3	3" PVC Caps	EA	0.10
5210-4	4" PVC Cap	EA	0.80



PVC Cement and Cleaner (EC-CON-01-09)

Item #	Description	Unit	Wt (lb)
5208	PVC Cement - Quart	EA	2.20
5209	Pvc Cleaner - Quart	EA	1.90



PVC LB Conduit Body (EC-CON-01-10)

Item #	Description	Unit	Wt (lb)
5225-LB-2	2" PVC LB Conduit Body	EA	4.20
5225-LB-3	3" PVC LB Conduit Body	EA	3.40
5225-LB-4	4" PVC LB Conduit Body	EA	4.57



Rigid Metal Lock Rings (EC-CON-02-10)

Item #	Description	Unit	Wt (lb)
5270-12-LR	1/2" Steel Lock Ring	EA	0.10
5270-34-LR	3/4" Steel Lock Ring	EA	0.10
5270-1-LR	1" Steel Lock Ring	EA	0.10
5270-114-LR	1-1/4" Steel Lock Ring	EA	0.10
5270-112-LR	1-1/2" Steel Lock Ring	EA	0.10
5270-2-LR	2" Steel Lock Ring	EA	0.10
5270-212-LR	2-1/2" Steel Lock Ring	EA	0.14
5270-3-LR	3" Steel Lock Ring	EA	0.20
5270-4-LR	4" Steel Lock Ring	EA	0.30



Conduit Standoff Straps (EC-CON-02-12)

Item #	Description	Unit	Wt (lb)
2188-12-SS	1/2" Standoff Strap Stainless Steel	EA	0.20
2188-34-SS	3/4" Standoff Strap Stainless Steel	EA	0.10
2188-1-SS	1" Standoff Strap Stainless Steel	EA	0.10
2188-114-SS	1-1/4" Standoff Strap Stainless Steel	EA	0.10
2188-112-SS	1-1/2" Standoff Strap Stainless	EA	0.16
2188-2-SS	2" Standoff Strap Stainless Steel	EA	0.20
2188-3-SS	3" Standoff Strap Stainless Steel	EA	0.30
2188-4-SS	4" Standoff Strap Stainless Steel	EA	0.90



Conduit Strut Straps (EC-CON-02-13)

Used in conjunction with steel channel strut.

Item #	Description	Unit	Wt (lb)
2189-34-SS	3/4" Stainless Steel Strut Strap (hardware Must Be Stainless Steel)	EA	0.06
2189-1-SS	1" Stainless Steel Strut Strap(hardware Must Be Stainless Steel)	EA	0.10
2189-2-SS	2" Stainless Steel Strut Strap (hardware Must Be Stainless Steel)	EA	0.30
2189-212-SS	2-1/2" Stainless Steel Strut Strap (hardware Must Be Stainless Steel)	EA	0.30
2189-3-SS	3" Stainless Steel Strut Strap (hardware Must Be Stainless Steel)	EA	0.40
2189-4-SS	4" Stainless Steel Strut Strap (hardware Must Be Stainless Steel)	EA	0.60



Conduit Straps - 1 Hole (EC-CON-02-11)

Item #	Description	Unit	Wt (lb)
5270-12-SS-1HS	1/2" One Hole Stainless Steel (hardware Must Be Stainless Steel)	EA	0.10
5270-34-SS-1HS	3/4" One Hole Stainless Steel Strap (hardware Must Be Stainless Steel)	EA	0.10
5270-1-SS-1HS	1" Stainless Steel Strap (hardware Must Be Stainless Steel)	EA	0.03



Rigid Metal Conduit - Plastic Bushings (EC-CON-02-14)

105 degree C temperature rating.

Item #	Description	Unit	Wt (lb)
5270-12-PB	1/2" Plastic Bushing	EA	0.10
5270-34-PB	3/4" Plastic Bushing	EA	0.10
5270-1-PB	1" Plastic Bushing	EA	0.10
5270-114-PB	1-1/4" Plastic Bushing	EA	0.10
5270-112-PB	1-1/2" Plastic Bushing	EA	0.10
5270-2-PB	2" Plastic Bushing	EA	0.10
5270-212-PB	2-1/2" Plastic Bushing	EA	0.06
5270-3-PB	3" Plastic Bushing	EA	0.10
5270-4-PB	4" Plastic Bushing	EA	0.20



Rigid Metal - Weather Heads (EC-CON-02-16)

Item #	Description	Unit	Wt (lb)
5270-2-WH	2" Weather Head	EA	1.40
5270-4-WH	4" Weather Head	EA	7.00



Telco Boxes (EC-TELEC-01)

All telco boxes carry a NEMA 3R rating and come with a hinged cover. Telco boxes are offered with a tee handle and wooden backboard. We also offer the box only. See the table below for our product offerings.

Item #	Description	Unit	Wt (lb)
5950-242412-THWBB	Telco Box 24" Wide x 24" High x 12" Deep with Hinged Cover and NEMA 3R Rating Includes Installed Locking T-Handle and Wood Backboard	EA	75.00
5950-303012-THWBB	Telco Box 30" Wide x 30" High x 12" Deep with Hinged Cover and NEMA 3R Rating Includes Installed Locking T-Handle and Wood Backboard	EA	93.80
5950-303612-THWBB	Telco Box 30" Wide x 36" High x 12" Deep with Hinged Cover and NEMA 3R Rating Includes Installed Locking T-Handle and Wood Backboard	EA	115.00
5950-363612-THWBB	Telco Box 36" Wide x 36" High x 12" Deep with Hinged Cover and NEMA 3R Rating Includes Installed Locking T Handle and Wood Backboard	EA	122.00
5950-364812-THWBB	Telco Box 36" Wide x 48" High x 12" Deep with Hinged Cover and NEMA 3R Rating Includes Installed Locking T-Handle and Wood Backboard	EA	168.00
5950-242412	Telco Box 24" Wide x 24" High x 12" Deep with Hinged Cover and NEMA 3R Rating	EA	68.00
5950-303012	Telco Box 30" Wide x 30" High x 12" Deep with Hinged Cover and NEMA 3R Rating	EA	84.00
5950-303612	Telco Box 30" Wide x 36" High x 12" Deep with Hinged Cover and NEMA 3R Rating	EA	118.00
5950-363612	Telco Box 36" Wide x 36" High x 12" Deep with Hinged Cover and NEMA 3R Rating	EA	111.50
5950-364812	Telco Box 36" Wide x 48" High x 12" Deep with Hinged Cover and NEMA 3R Rating	EA	160.00



Junction Boxes - NEMA 3R (EC-TELEC-02)

Note: No knockouts are provided on box.

Item #	Description	Unit	Wt (lb)
5955-12x12x6	J-Box 12" x 12" x 6" with Nema 3R Screw Cover with No Knock-Outs	EA	11.50
5955-12x12x8	J-Box 12" x 12" x 8" with Nema 3R Screw Cover with No Knock-Outs	EA	13.00
5955-18x18x8	J-Box 18" x 18" x 8" with Nema 3R Screw Cover with No Knock-Outs	EA	24.00
5955-24x24x12	J-Box 24" x 24" x 12" with Nema 3R Screw Cover with No Knock-Outs	EA	44.00



Junction Boxes - NEMA 3R PVC (EC-TELEC-03)

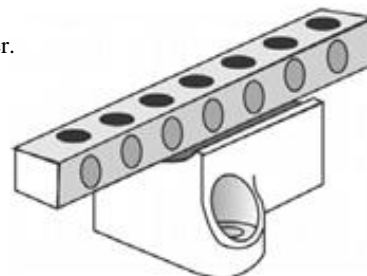
Item #	Description	Unit	Wt (lb)
5255-6X6X6	PVC Junction Box 6" x 6" x 6" - NEMA 3R Rated	EA	3.10
5255-12X12X6	PVC Junction Box 12" x 12" x 6" - NEMA 3R Rated	EA	7.40
5255-12X12X8	Pvc Junction Box 12" x 12" x 8" - Nema 3r Rated	EA	12.77



Telco Boxes - Isolated Copper Ground Bar (EC-PDE-07)

This bar is made from high conductivity copper bar. The base is made from high strength, glass filled polyester. Accommodates seven circuits of copper wire ranging from 2 through 14.

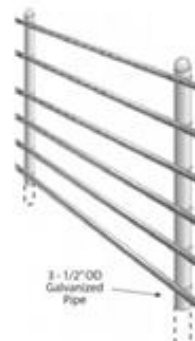
Item #	Description	Unit	Wt (lb)
3899	Isolated Copper Ground Bar with Polyester Base	EA	1.30



Equipment Rack - 2 Pole (6 Run) (EC-PTR-01)

The two pole equipment rack kit is fabricated and shipped as one complete, ready to install kit. The galvanized steel equipment rack has six runs of channel strut that can be adjusted to contractor's specifications on two 3-1/2" OD poles. Once set in concrete, the rack can accommodate a number of equipment boxes. All necessary mounting hardware is included for easy installation. Custom sizes and applications available.

Item #	Description	Unit	Wt (lb)
2109	Equipment Rack with (2) 3-1/2" OD x 15' Posts and (8) 10' Pieces of Channel Strut - Includes 30 1/2" Spring Nuts and EA Stainless Hardware for Mounting of Cabinets	EA	350.00
2109-1	Equipment Rack with (2) 3-1/2" OD x 10'-6" Posts and (4) 10' Pieces of Channel Strut	EA	235.00
2109-2	Equipment Rack with (2) 3-1/2" OD x 10'-6" Posts and (6) 10' Pieces of Channel Strut	EA	270.00



Equipment Rack - 2 Pole (8 Run) (EC-PTR-01A)

The two pole equipment rack kit is fabricated and shipped as one complete, ready to install kit. The galvanized steel equipment rack has eight runs of 5' channel strut that can be adjusted to contractor's specifications on two 10'-6" -- 3-1/2" OD poles. Once set in concrete, the rack can accommodate a number of equipment boxes. All necessary mounting hardware is included for easy installation. Custom sizes and applications available.

Item #	Description	Unit	Wt (lb)
2109-4	Equipment Rack with (2) 3-1/2" OD x 10'-6" Posts and (8) 5' Piece of Channel Strut	EA	240.00



Equipment Racks - 3 Pole (EC-PTR-02)

The three pole equipment rack kit is fabricated and shipped as one complete, ready to install kit. The galvanized steel equipment rack has seven runs of 10' channel strut that can be adjusted to contractor's specifications on two 3-1/2" OD poles. Once set in concrete, the rack can accommodate a number of equipment boxes. All necessary mounting hardware is included for easy installation. Custom sizes and applications available.

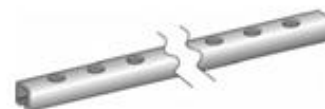
Item #	Description	Unit	Wt (lb)
2109-3	Equipment Rack with (3) 3-1/2" OD x 10'-6" Posts, (7) 10' Pieces and (1) 5' Piece of Channel Strut	EA	389.00



Channel Strut (EC-PTR-04)

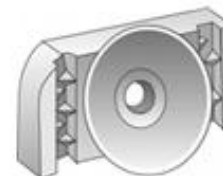
Steel channel strut available in a range of sizes and configurations. ALT also carries a full line of channel strut accessories including snap-in hangers, spring and twirl nuts, brackets, etc.

Item #	Description	Unit	Wt (lb)
2176-1	9/16" Slot Holes on 2" Centers Channel Strut - Galvanized Steel 14 Ga - 1-5/8" x 13/16" x 10'	EA	N/A
2171	9/16" Slot Holes on 2" Centers Channel Strut - Galvanized Steel 14 Ga - 1-5/8" x 7/8" x 10'	EA	14.00
2176	9/16" Slot Holes on 2" Centers Channel Strut - Galvanized Steel 14 Ga - 1-5/8" x 1-5/8" x 10'	EA	14.00
2176-8	14 Ga - 1-5/8" x 1-5/8" x 8' with 9/16" Slot Holes on 2" Centers Channel Strut - Galvanized Steel	EA	1.40
2176-20	9/16" Slot Holes on 2" Centers Channel Strut - Galvanized Steel 14 Ga - 1-5/8" x 1-5/8" x 20'	EA	28.00
2170	No Holes Channel Strut - Galvanized Steel 14 Ga - 1-5/8" x 1-5/8" x 10'	EA	19.00
2170-24	No Holes Channel Strut - Galvanized Steel 14 Ga - 1-5/8" x 1-5/8" x 24'(2')	EA	1.85
2174	3/4" Holes on 2" Centers Channel Strut - Galvanized Steel 14 Ga - 1-5/8" x 1-5/8" x 10'	EA	19.00
2175	3/4" Holes on 3" Centers Channel Strut - Galvanized Steel 14 Ga - 1-5/8" x 1-5/8" x 10'	EA	19.00
2177	9/16" Slot Holes on 2" Centers Channel Strut - Gold Anodized Steel 12 Ga - 1-5/8" x 1-5/8" x 10'	EA	N/A
2179	9/16" Slot Holes on 2" Centers Channel Strut - Gold Anodized Steel 15 Ga - 1-5/8" x 13/16" x 10'	EA	N/A



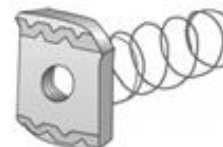
Channel Strut Twirl Nuts (EC-PTR-HW-01)

Item #	Description	Unit	Wt (lb)
2190-14	1/4 -20 Gold Twirl Nut	EA	0.10
2190-38	3/8 -16 Gold Twirl Nut	EA	0.10
2190-12	1/2 -13 Gold Twirl Nut	EA	0.10



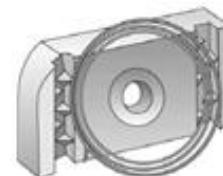
Channel Strut Spring Nuts (EC-PTR-HW-02)

Item #	Description	Unit	Wt (lb)
2191-14	1/4 - 20 Electro-Galvanized Channel Spring Nut	EA	0.10
2191-38	3/8 - 16 Electro-Galvanized Channel Spring Nut	EA	0.10
2191-38SS	3/8" Stainless Steel Channel Spring Nut	EA	0.10
2191-12	1/2 - 13 Electro-Galvanized Channel Spring Nut	EA	0.10



Channel Strut Easy Grip Nuts (EC-PTR-HW-03)

Item #	Description	Unit	Wt (lb)
2192-14	1/4 - 20 Electro-Galvanized Easy Grip Nut	EA	0.11
2192-38	3/8 - 16 Electro-Galvanized Easy Grip Nut	EA	0.09
2192-12	1/2 - 13 Electro-Galvanized Easy Grip Nut	EA	0.07



Channel Strut Saddle Nuts (EC-PTR-HW-04)

Item #	Description	Unit	Wt (lb)
2196-38	3/8" Electro-Galvanized Saddle Nut	EA	0.10



Channel Strut Galvanized Square Washer (EC-PTR-HW-05)

Item #	Description	Unit	Wt (lb)
2194-12	1/2" x 1-5/8" x 1-5/8" Square Galvanized Washer for 1/2" Bolt	EA	0.20
2194-38	3/8" x 1-5/8" x 1-5/8" Square Galvanized Washer for 3/8" Bolt	EA	0.20



Channel Strut Plastic End Caps (EC-PTR-HW-06)

Item #	Description	Unit	Wt (lb)
2171-EC	7/8" Plastic End Cap for Channel Strut	EA	0.10
2170-EC	1-5/8" Plastic End Cap for Channel Strut	EA	0.10



Channel Strut - 2 Hole Corner Angle, 1-7/8" (EC-PTR-HW-07-01)

Item #	Description	Unit	Wt (lb)
2180	2 Hole Corner Angle 1 - 7/8" x 2" x 1 - 5/8" Wide Zinc Plated	EA	0.30



Channel Strut - 2 Hole Corner Angle, 2-1/4" (EC-PTR-HW-07-02)

Item #	Description	Unit	Wt (lb)
2181	2 Hole Corner Angle 2 - 1/4" x 1 - 5/8" x 1 - 5/8" Wide - Zinc Plated	EA	N/A



Channel Strut - 4 Hole Corner Angle (EC-PTR-HW-07-03)

Item #	Description	Unit	Wt (lb)
2182	4 Hole Corner Angle 4 - 1/8" x 3 - 1/2" x 1 - 5/8" Wide - Zinc Plated	EA	0.74



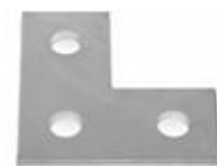
Channel Strut - 4 Hole Flat Tee (EC-PTR-HW-07-04)

Item #	Description	Unit	Wt (lb)
2183	4 Hole Flat Tee 5 - 3/8" x 3 - 1/2" x 1 - 5/8" Wide - Zinc Plated	EA	N/A



Channel Strut - 3 Hole Flat Corner Tee (EC-PTR-HW-07-05)

Item #	Description	Unit	Wt (lb)
2184	3 Hole Flat Corner Angle 3 - 1/2" x 3 - 1/2" x 1 - 5/8" Wide - Zinc Plated	EA	0.56



Channel Strut - Single Column Base (EC-PTR-HW-07-06)

Item #	Description	Unit	Wt (lb)
2185	Tall Single Column Base 6" x 6" Base 3 - 1/2" Column - Zinc Plated	EA	3.58



Loadcenter - 120/240V Main Lug (EC-PDE-01)

The loadcenters are offered in a variety of configurations. Each loadcenter carries a NEMA 3R rating.

Item #	Description	Unit	Wt (lb)
5978-100-612ML	100A, 6/12 Circuit ML 1 Phase 120/240V NEMA 3R Loadcenter	EA	9.40
5978-125-1224ML	125A, 12/24 Circuit ML 1 Phase 120/240V NEMA 3R Loadcenter	EA	20.70
5978-125-12ML	125A, 12 Circuit ML 1 Phase 120/240V NEMA 3R Loadcenter	EA	20.40
5978-125-24ML	125A, 24 Circuit ML 1 Phase 120/240V NEMA 3R Loadcenter	EA	24.00
5978-200-12ML	200A, 12 Circuit ML 1 Phase 120/240V NEMA 3R Loadcenter	EA	27.00
5978-200-30ML	200A, 30 Circuit ML 1 Phase 120/240V NEMA 3R Loadcenter	EA	32.00



Disconnect and Fuse - NEMA Fused (EC-PDE-02)

Item #	Description	Unit	Wt (lb)
5979-200-FD-3R	200A, 250V, 1 Phase Fused Disconnect - NEMA 3R	EA	32.00
5979-F-200-250V	200 A , 250 V Time Delay Fuse	EA	0.25



Circuit Breakers (EC-PDE-03)

Item #	Description	Unit	Wt (lb)
5978-15CB-1	15A, 1 Pole, 120V Circuit Breaker	EA	0.27
5978-20CB-1	20A, 1 Pole, 120V Circuit Breaker	EA	0.30
5978-20CB-2	20A, 2 Pole, 120V Circuit Breaker	EA	0.50
5978-20TCB	20A, 1 Pole, 120V Tandem Circuit Breaker	EA	0.30
5978-30CB-1	30A, 1 Pole, 120V Circuit Breaker	EA	0.30
5978-30CB-2	30A, 2 Pole, 120V Circuit Breaker	EA	0.50
5978-40CB-2	40A, 2 Pole, 120V Circuit Breaker	EA	0.60
5978-60CB-2	60A, 2 Pole, 120V Circuit Breaker	EA	0.60
5978-100-MCB-2	100A, 2pole, 120/240V Main Circuit Breaker	EA	1.30
5978-125-MCB-2	125A, 2 Pole, 120/240V Main Circuit Breaker	EA	1.30
5978-200-MCB-2	200A, 2 Pole, 120/240V Main Circuit Breaker	EA	2.60
5970-60CB	Meter Center Circuit Braeker - 60A	EA	0.70
5970-100CB	Meter Center Circuit Breaker - 100A, 2 Pole	EA	2.70
5970-200CB	Meter Center Circuit Breaker - 200A, 2 Pole	EA	2.70



Disconnect Hub - Weatherproof (EC-PDE-04)

Item #	Description	Unit	Wt (lb)
5979-DH-114	1-1/4" Weather-Proof Disconnect Hub	EA	0.20
5979-DH-2	2" Weather-Proof Disconnect Hub	EA	0.20



Removable Hub Closing Plate (EC-PDE-05)

Item #	Description	Unit	Wt (lb)
5950-HUB-R	Removable Hub Closing Plate	EA	0.20



Ground Terminal Strip (EC-PDE-06)

Item #	Description	Unit	Wt (lb)
5978-GTS-7	7 Hole Ground Terminal Strip #12 Through #4 Wire	EA	0.10
5978-GTS-15	20 Hole Ground Terminal Strip, #12 Through #4 Wire	EA	0.20



Meter Centers (EC-MC-01)

Item #	Description	Unit	Wt (lb)
5970-5	Meter Center - 800A, 5 Position, NEMA 3R Rating	EA	173.00
5970-6	Meter Center - 800A, 6 Position, NEMA 3R Rating	EA	173.00
5970-5R	Ringless Meter Center - 800A, 5 Position, NEMA 3R Rating	EA	173.00
5970-6R	Ringless Meter Center - 800A, 6 Position, NEMA 3R Rating	EA	173.00



Meter Center Aluminum Sealing Ring (EC-MC-02)

Item #	Description	Unit	Wt (lb)
5970-SR	Meter Center Aluminum Sealing Ring	EA	0.10



Meter Socket Lexan Cover (EC-MC-03)

Item #	Description	Unit	Wt (lb)
5970-C	Meter Socket Lexan Cover	EA	0.20



Meter Can - Overhead Ringless (EC-MC-04)

Item #	Description	Unit	Wt (lb)
5950-CAN-125	125A Overhead Ringless Meter Can	EA	6.50
5950-CAN-200	200A Overhead/Under Ground Combination Ringless Meter Can	EA	9.70



Meter Center Hubs (EC-MC-05)

Item #	Description	Unit	Wt (lb)
5950-HUB-114	1-1/4" Hub for 125A Meter Can	EA	0.20
5950-HUB-2	2" Hub	EA	0.20



Gutter - NEMA 3R (EC-GUTT-01)

Item #	Description	Unit	Wt (lb)
5956-12x12x72	12" x 12" x 72" NEMA 3R Gutter with Utility Spec	EA	81.00
5956-12x12x96	12" x 12" x 96" NEMA 3R Gutter with Utility Spec	EA	85.00
5956-12x12x120	12" x 12" x 120" NEMA 3R Gutter with Utility Spec	EA	110.00



Distribution Block - 3 Pole (EC-GUTT-02)

Run fits two conductors from 4/0 through 500 MCM. Tap fits four conductors from #6 through 4/0.

Item #	Description	Unit	Wt (lb)
5935	3-Pole Distribution Block - Run Fits Two Conductors From 4/0 Thru 500MCM - Tap Fits Four Conductors From #6 Thru 4/0	EA	3.50



Multi-Port Connector - Insulated (EC-GUTT-03)

The connector has single sided entry and fits wire sizes from #4 to 600 MCM.

Item #	Description	Unit	Wt (lb)
1190-4-600	Insulated Multi-Port Connector - 4-Ports - Fits Grounding Conductor Range #4 to 600MCM - Single Sided Entry	EA	9.30
1190-6-600	Insulated Multi-Port Connector - 6-Ports - Fits Grounding Conductor Range #4 to 600MCM - Double Sided Entry	EA	1.44



Gutter Support (EC-GUTT-04)

Item #	Description	Unit	Wt (lb)
5956-SUPPORT	3/16" x 2" Galvanized Steel Gutter Support Bracket	EA	2.51



Weather Proof Boxes with Knockouts (EC-WPB-01)

Item #	Description	Unit	Wt (lb)
5960	1 Gang Weatherproof Box with 3 (1/2") Knock Outs	EA	0.50
5960-1	2 Gang Weatherproof Box with 4 (1/2") Knock Outs	EA	1.00



Weather Proof Covers (EC-WPB-02)

Item #	Description	Unit	Wt (lb)
5961	One Gang Weatherproof - Blank Cover	EA	0.10
5961-1	Two Gang Weatherproof - Blank Cover	EA	0.10
5962	One Gang Weatherproof Vertical Duplex Cover	EA	0.30
5962-1	Two Gang Weatherproof Vertical Duplex Cover	EA	0.50
5963	One Gang Weatherproof Vertical GFCI Cover	EA	0.30
5963-1	Two Gang Weatherproof Vertical GFCI Cover	EA	0.50
5951	Two Gang Weatherproof in Use Metal Cover	EA	1.10



Standard weather proof cover

Illustrates the 5951

Tape - Electrical (EC-TAPE-01)

Electrical tape in a variety of colors (see chart below). Tower tape, splicing tape, pipe wrap and ground kit tape are also listed.

Item #	Description	Unit	Wt (lb)
5750	Black Electrical Tape - 3/4" x 60' Roll	EA	0.30
5750-1	Orange Electrical Tape - 3/4" x 60' Roll	EA	0.30
5750-2	White Electrical Tape - 3/4" x 60' Roll	EA	0.30
5750-3	Yellow Electrical Tape - 3/4" x 60' Roll	EA	0.30
5750-4	Blue Electrical Tape - 3/4" x 60' Roll	EA	0.30
5750-5	Brown Electrical Tape - 3/4" x 60' Roll	EA	0.30
5750-6	Green Electrical Tape - 3/4" x 60' Roll	EA	0.30
5750-7	Gray Electrical Tape - 3/4" x 60' Roll	EA	0.30
5750-8	Red Electrical Tape - 3/4" x 60' Roll	EA	0.30
5750-9	Violet Electrical Tape - 3/4" x 60' Roll	EA	0.30
5750-TT	2" x 66' Tower Tape	EA	0.60
5750-34-ST	3/4" x 22' Splicing Tape	EA	0.10
5750-2-ST	2" x 22' Splicing Tape	EA	0.20
5750-2-PW	2" x 100' Pipe Wrap	EA	1.10
5753	Grey Duct Tape 2" x 60 Yard - Roll	EA	1.06
5754	3" x 60" x .125 Electrical Filler Tape	EA	N/A



Tape - Safety (EC-TAPE-02)

Available in detectable and non-detectable. 6" wide by 1000' long.

Item #	Description	Unit	Wt (lb)
5750-BT	Buried Electric Line Safety Tape "Caution Electric Line Buried Below" 6" x 1000' (red) - Non Detectable	EA	9.90
5759	Klein Buried Electric Line Safety Tape 3" x 1000' (red)	EA	2.90
5759-1	Yellow Plastic Tape Printed with "Caution Buried Grding Cable" 4" Wide x 1000'	EA	N/A
5750-BDT-TELE	Detectable Buried Telephone Tape "Caution Telephohne Cable Buried Below" 6" x 1000' (orange)	EA	14.60
5750-BDT-3	Detectable Buried Electric Line Safety Tape "Caution Electric Line Buried Below" 3" x 1000' (red)	EA	7.50
5750-BDT-6	Detectable Buried Electric Line Safety Tape "Caution Electric Line Buried Below" 6" x 1000' (red)	EA	15.00



Cable Ties - Nylon (EC-NTIE-02)

Item #	Description	Unit	Wt (lb)
2498-18-4	Mounting Nylon Cable Tie - 4.10" Long 18lb - Fits Maximum 3/4" OD	EA	0.10
2498-50-8	Mounting Nylon Cable Tie - 7.80" Long 50lb - Fits Maximum 1-3/4" OD	EA	0.40
2498-120-14	Mounting Nylon Cable Tie - 14.20" Long 120lb - Fits Maximum 3-1/2" OD	EA	0.80
2498-18-4WP	Weather Proof Mounting Nylon Cable Tie - 4.10" Long 18lb - Fits Maximum 3/4" OD	EA	0.10
2498-50-8WP	Weather Proof Mounting Nylon Cable Tie - 7.80" Long 50lb - Fits Maximum 1-3/4" OD	EA	0.40
2498-120-14WP	Weather Proof Mounting Nylon Cable Tie - 14.20" Long 120lb - Fits Maximum 3-1/2" OD	EA	0.80



Cable Ties Accessories (EC-NTIE-03)

Item #	Description	Unit	Wt (lb)
2494-42	Nylon Cable Hanger Clip - Fits .42" OD - Requires #8 Screw for Mounting	EA	0.30
2494-42WP	Weather Proof Nylon Cable Hanger Clip - Fits .42" OD - Requires #8 Screw for Mounting	EA	0.30
2499-140	Screw Type Nylon Cable Tie Mounting Base - Fits .140" Maximum Tie Width - Requires #4 Screw to Mount	EA	0.10
2499-190	Screw Type Nylon Cable Tie Mounting Base - Fits .190" Maximum Tie Width - Requires #8 Screw to Mount	EA	0.40
2499-140WP	Weather Proof Screw Type Nylon Cable Tie Mounting Base - Fits .140" Maximum Tie Width - Requires #4 Screw to Mount	EA	0.10



Illustrates the 2494-*

Illustrates the 2499-*

Terminal Lugs - 1-Wire (EC-RGTER-05)

Item #	Description	Unit	Wt (lb)
1170-6	Tin-Plated Universal One Conductor Terminal Lug - Fits Grounding Conductor Range #14 to #6 Stranded	EA	0.02
1170-2	Tin-Plated Universal One Conductor Terminal Lug - Fits Groudnng Conductor Range #14 to #2 Stranded	EA	0.02
1170-2/0	Tin-Plated Universal One Conductor Terminal Lug - Fits Grounding Conductor Range #6 to 2/0 Stranded	EA	0.03
1170-500	Tin-Plated Universal One Conductor Terminal Lug - Fits Grounding Conductor Range #4 to 500MCM Stranded	EA	0.28
1170-600	Tin-Plated Universal One Conductor Terminal Lug - Fits Groudnng Conductor Range #2 Stranded to 600MCM Stranded	EA	0.34



Terminal Lugs - 2-Wire (EC-RGTER-06)

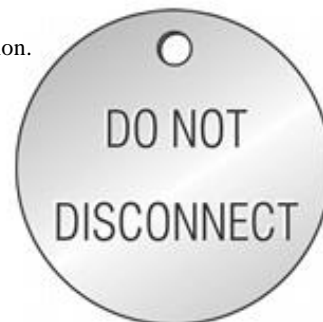
Item #	Description	Unit	Wt (lb)
1171-1/0	Tin-Plated Universal Two Conductor Terminal Lug - Fits Grounding Conductor Range #14 to 1/0 Stranded	EA	0.06
1171-250	Tin-Plated Universal Two Conductor Terminal Lug - Fits Grounding Conductor Range #6 to 250MCM Stranded	EA	0.19
1171-600	Tin-Plated Universal Two Conductor Terminal Lug - Fits Grounding Conductor Range #2 to 600MCM Stranded	EA	0.47



Brass Tags (EC-MISC-03)

Solid brass tag with easily readable text. 1-1/2" round with round hole for mounting, screwing or wiring into position.

Item #	Description	Unit	Wt (lb)
5759-2	1-1/2" Round Brass Tags Marked "Do Not Disconnect" in Black Filled Lettering	EA	0.02
5759-A-RX1	1-1/2" Round Brass Tag Marked "Alpha - RX1" in Black Filled Lettering	EA	0.02
5759-A-RXO	1-1/2" Round Brass Tag Marked "Alpha-RXO" in Black Filled Lettering	EA	0.02
5759-A-TX0	1-1/2" Round Brass Tag Marked "Alpha-TX0" in Black Filled Lettering	EA	0.02
5759-A-TX1	1-1/2" Round Brass Tag Marked "Alpha-TX1" in Black Filled Lettering	EA	0.02
5759-B-RX1	1-1/2" Round Brass Tag Marked "Beta-RX1" in Black Filled Lettering	EA	0.02
5759-B-RXO	1-1/2" Round Brass Tag Marked "Beta-RXO" in Black Filled Lettering	EA	0.02
5759-B-TX1	1-1/2" Round Brass Tag Marked "Beta-TX1" in Black Filled Lettering	EA	0.02
5759-B-TXO	1-1/2" Round Brass Tag Marked "Beta-TXO" in Black Filled Lettering	EA	0.02
5759-G-RX1	1-1/2" Round Brass Tag Marked "Gamma - RX1" in Black Filled Lettering	EA	0.02
5759-G-RXO	1-1/2" Round Brass Tag Marked "Gamma-RXO"	EA	0.02
5759-G-TX1	1-1/2" Round Brass Tag Marked "Gamma-TX1" in Black Filled Lettering	EA	0.02
5759-G-TXO	1-1/2" Round Brass Tag Marked "Gamma-TXO" in Black Filled Lettering	EA	0.02
5759-BLANK	1-1/2" Round Brass Tag No Marking	EA	0.02



Ducseal (EC-MISC-04)

Item #	Description	Unit	Wt (lb)
5799	Duc Seal 1 lb Package	EA	1.00



Heat Shrink Tubing (EC-MISC-07)

Item #	Description	Unit	Wt (lb)
5110-38B	3/8" Black Thin-Wall Heat Shrink	FT	0.01
5110-38C	3/8" Clear Thin-Wall Heat Shrink	FT	0.01
5110-38G	3/8" Green Thin-Wall Heat Shrink	FT	0.01
5110-12B	1/2" Black Thin-Wall Heat Shrink	FT	0.01
5110-12C	1/2" Clear Thin-Wall Heat Shrink	FT	0.01
5110-12G	1/2" Green Thin-Wall Heat Shrink	FT	0.01
5110-34C	3/4" Clear Thin-Wall Heat Shrink	FT	0.02
5110-112C	1-1/2" Clear Thin-Wall Heat Shrink	FT	0.06
5110-1C	1" Clear Thin-Wall Heat Shrink	FT	0.04



Flood Light Fixtures with Lamp (EC-MISC-09)

High pressure sodium flood fixture with 1/2" knuckle mount.

Item #	Description	Unit	Wt (lb)
5957	70 Watt 120 Volt High Pressure Sodium Flood Fixture with Lamp and 1/2" Knuckle Mount	EA	7.90
5957-1	150 Watt 120 Volt High Pressure Sodium Flood Fixture with Lamp and 1/2" Knuckle Mount	EA	6.70



Fixture Slip Fitter (EC-MISC-10)

Fixture slip fitter with three sided set screw connection for 2-3/8" OD pipe.

Item #	Description	Unit	Wt (lb)
5957-SF	Fixture Slip Fitter for 2-3/8" OD Pipe with Three Sided Set Screw Connection	EA	0.40



Scotchkote (EC-PROT-01)

Electrical coating.

Item #	Description	Unit	Wt (lb)
5746	Scotchkote Protectant	EA	1.00



Anti-Oxidant Compounds (EC-PROT-02)

Item #	Description	Unit	Wt (lb)
5705	8oz Squeeze Bottle Anti-Oxidant Compound for Copper to Copper Connections	EA	0.60
5705-1	8 Oz Squeeze Bottle Anti-Oxidant Compound for Aluminum to Copper and Aluminum to Aluminum Connections	EA	0.60
5706	4 oz Jar with Brush "Kopr Shield" Anti-Oxidant Compound for Copper to Copper Connections	EA	0.40
5706-1	One Gallon Can "Kopr Shield" Anti-Oxidant Compound for Copper to Copper Connections	EA	9.10



Cold Galvanizing Spray (EC-PROT-03)

Item #	Description	Unit	Wt (lb)
5730	16 Oz Cold Galvanizing Spray Paint	EA	1.00
5730-2	Brite Galvanize	EA	0.80
5730-1	Brite Zinc High Performance Zinc Rich Coating	EA	1.08
5730-QT	Brite Galvanize - Quart	EA	N/A



Marking Paint (EC-MISC-12)

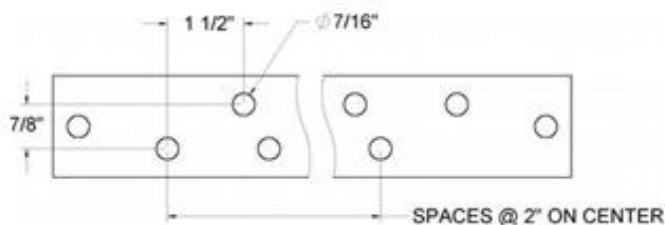
Item #	Description	Unit	Wt (lb)
9041	20 Oz Kylon Spray Paint Can - Black	EA	1.24
9041-1	20 Ounce Fluorescent Orange Inverted Marking Paint	EA	1.30
9041-2-WHITE	20 Ounce White Inverted Marking Paint	EA	N/A



Ground Bar - 1/4" x 2", 1-3/4" Lug Hole Spacing, 7/16"

Dia. Holes (GC-GBAR-BAR-03-01)

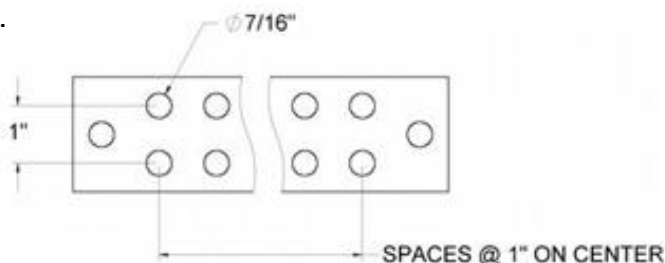
Item #	Description	Unit	Wt (lb)
3812-1-6	1/4" x 2" x 6" Copper Ground Bar with (4) 7/16" Holes Set at Slant to fit Lug with 1-3/4" Hole Spacing, 2 Standoffs and 2 Insulators	EA	1.47
3812-1-12	1/4" x 2" x 12" Copper Ground Bar with (8) 7/16" Holes Set at Slant to fit Lug with 1-3/4" Hole Spacing, 2 Standoffs, 2 Insulators	EA	3.08
3812-1-24	1/4" x 2" x 24" Copper Bar with 20 Punched Holes, 2 Standoffs and 2 Insulators	EA	5.02
3812-1-36	1/4" x 2" x 36" Copper Ground Bar with (32) 7/16" Holes Set at Slant to fit Lug with 1-3/4" Hole Spacing, 2 Standoffs and 2 Insulators	EA	6.96
7000-3812-1-6	1/4" x 2" x 6" Copper Ground Bar with (4) 7/16" Holes Set at Slant to fit Lug with 1-3/4" Hole Spacing	EA	0.97
7000-3812-1-12	1/4" x 2" x 12" Copper Ground Bar with (8) 7/16" Holes Set at Slant to fit Lug with 1-3/4" Hole Spacing	EA	1.93
7000-3812-1-24	1/4" x 2" x 24" Copper Ground Bar with (20) 7/16" Holes Set at Slant to fit Lug with 1-3/4" Hole Spacing	EA	3.86
7000-3812-1-36	1/4" x 2" x 36" Copper Ground Bar with (32) 7/16" Holes Set at Slant to fit Lug with 1-3/4" Hole Spacing	EA	5.79



Ground Bar - 1/4" x 2", 1" Lug Hole Spacing, 7/16" Dia.

Holes (GC-GBAR-BAR-03-02)

Item #	Description	Unit	Wt (lb)
3812-5-8	1/4" x 2" x 8" Copper Bar with 12 Punched Holes, 2 Standoffs and 2 Insulators	EA	2.20
3812-5-12	1/4" x 2" x 12" Copper Ground Bar with 7/16" Punched Holes 1" Spaced and 1" Apart - Includes 2 Standoffs and 2 Insulators	EA	2.80
7000-3812-5-6	1/4" x 2" x 6" Copper Ground Bar with 7/16" Punched Holes 1" Spaced and 1" Apart	EA	0.80
7000-3812-5-8	1/4" x 2" x 8" Copper Bar with 12 Punched Holes	EA	1.10
7000-3812-5-10	1/4" x 2" x 10" Copper Ground Bar with 7/16" Punched Holes 1" Spaced and 1" Apart	EA	1.40
7000-3812-5-12	1/4" x 2" x 12" Copper Ground Bar with 7/16" Punched Holes 1" Spaced and 1" Apart	EA	1.70

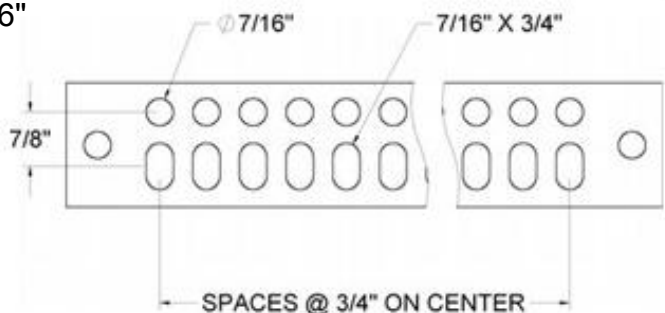


Ground Bar - 1/4" x 2", 3/4" - 1" Lug Hole Spacing, 7/16"

Dia. Holes (GC-GBAR-BAR-03-03)

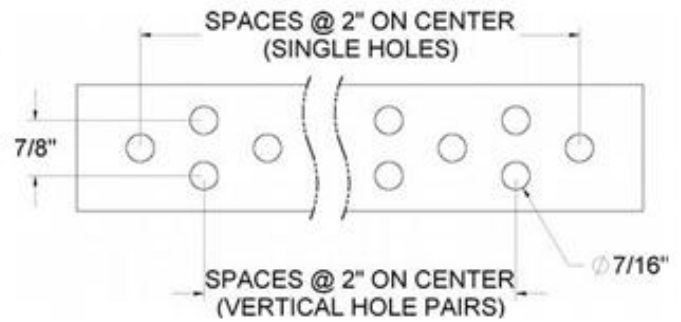
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Item #	Description	Unit	Wt (lb)
3812-33-10	1/4" x 2" x 10" Universal Ground Bar with 10 Pairs of 7/16" Holes/Slots for 3/8" Lugs with 3/4" to 1" Spacings with Insulators and Brackets	EA	2.34
3812-33-10-6	1/4" x 2" x 10" Universal Ground Bar with 10 Pairs of 7/16" Holes/Slots for 3/8" Lugs with 3/4" to 1" Spacings with 2 Beam Clamps, and 2 Insulators	EA	3.92
3812-33-12	1/4" x 2" x 12" Universal Ground Bar with 13 Pairs of 7/16" Holes/Slots for 3/8" Lugs with 3/4" to 1" Spacings with Insulators and Brackets	EA	2.50
3812-33-12-6	1/4" x 2" x 12" Universal Ground Bar with 13 Pairs of 7/16" Holes/Slots for 3/8" Lugs with 3/4" to 1" Spacings with 2 Beam Clamps, and 2 Insulators	EA	4.57
3812-33-14	1/4" x 2" x 14" Universal Ground Bar with 16 Pairs of 7/16" Holes/Slots for 3/8" Lugs with 3/4" to 1" Spacings with Insulators and Brackets	EA	2.80
3812-33-14-6	1/4" x 2" x 14" Universal Ground Bar with 16 Pairs of 7/16" Holes/Slots for 3/8" Lugs with 3/4" to 1" Spacings with 2 Beam Clamps, and 2 Insulators	EA	4.89
7000-3812-33-10	1/4" x 2" x 10" Copper Ground Bar with Universal Hole Pattern	EA	1.24
7000-3812-33-12	1/4" x 2" x 12" Copper Ground Bar with Universal Hole Pattern	EA	1.40
7000-3812-33-14	1/4" x 2" x 14" Copper Ground Bar with Universal Hole Pattern	EA	1.70



Ground Bar - 1/4" x 2", 7/16" Dia. Holes (GC-GBAR-BAR-03-04)

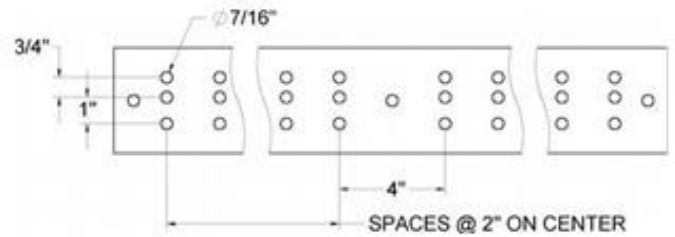
Item #	Description	Unit	Wt (lb)
3812-45-12BO	1/4" x 2 x 12" Copper Bar with (16) 7/16" Punched Holes - Bar Only	EA	1.94
3812-45-24BO	1/4" x 2" x 24" Copper Bar with (34) 7/16" Punched Holes - Bar Only	EA	3.86
3812-45-12TBO	1/4" x 2 x 12" Tinned Copper Bar with (16) 7/16" Punched Holes - Bar Only	EA	1.94
3812-45-24TBO	1/4" x 2" x 24" Tinned Copper Bar with (34) 7/16" Punched Holes - Bar Only	EA	3.86



GroundBar - 1/4"x 4", UniversalPattern, 2"Horizontal Spacing (GC-GBAR-BAR-01-01)

Also available tinned.

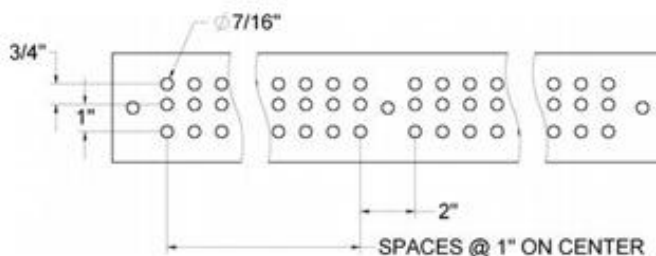
Item #	Description	Unit	Wt (lb)
3822-5-12	1/4" x 4" x 12" Copper Ground Bar with (15) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	4.90
3822-5-18	1/4" x 4" x 18" Copper Ground Bar with (24) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	6.60
3822-5-20	1/4" x 4" x 20" Copper Ground Bar with (27) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	7.87
3822-5-24	1/4" x 4" x 24" Copper Ground Bar with (33) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	8.72
3822-5-26	1/4" x 4" x 26" Copper Ground Bar with (36) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	9.84
3822-5-36	1/4" x 4" x 36" Copper Ground Bar with (51) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	14.70
3822-5-48	1/4" x 4" x 48" Copper Ground Bar with (66) 7/16" Punched Lug Holes, 3 Standoffs and 3 Insulators	EA	19.75
3822-5-60	1/4" x 4" x 60" Copper Ground Bar with (84) 7/16" Punched Lug Holes, 3 Standoffs and 3 Insulators	EA	20.00
7000-3822-5-12	1/4" x 4" x 12" Copper Ground Bar with (15) 7/16" Punched Lug Holes	EA	3.64
7000-3822-5-18	1/4" x 4" x 18" Copper Ground Bar with (24) 7/16" Punched Lug Holes	EA	5.50
7000-3822-5-20	1/4" x 4" x 20" Copper Ground Bar with (27) 7/16" Punched Lug Holes	EA	5.98
7000-3822-5-24	1/4" x 4" x 24" Copper Ground Bar with (33) 7/16" Punched Lug Holes	EA	7.20
7000-3822-5-26	1/4" x 4" x 26" Copper Ground Bar with (36) 7/16" Punched Lug Holes	EA	7.90
7000-3822-5-36	1/4" x 4" x 36" Copper Ground Bar with (51) 7/16" Punched Lug Holes	EA	10.90
7000-3822-5-48	1/4" x 4" x 48" Copper Ground Bar with (66) 7/16" Punched Lug Holes and 3 Mounting Holes	EA	14.60
7000-3822-5-60	1/4" x 4" x 60" Copper Ground Bar with (84) 7/16" Punched Lug Holes and 3 Mounting Holes	EA	18.30



GroundBar - 1/4"x 4", Universal Pattern, 1" Horizontal Spacing (GC-GBAR-BAR-01-02)

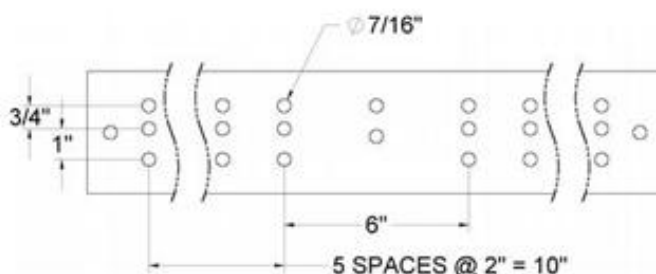
Also available tinned.

Item #	Description	Unit	Wt (lb)
3822-51-12	1/4" x 4" x 12" Copper Ground Bar with (27) 7/16" Punched Lug Holes, 2 Insulators and 2 Standoffs	EA	4.60
3822-51-18	1/4" x 4" x 18" Copper Ground Bar with (42) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	6.30
3822-51-20	1/4" x 4" x 20" Copper Ground Bar with (51) 7/16" Punched Lug Holes, 2 Insulators and 2 Standoffs	EA	6.90
3822-51-24	1/4" x 4" x 24" Copper Ground Bar with (63) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	8.00
3822-51-26	1/4" x 4" x 26" Copper Ground Bar with (69) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	8.60
3822-51-36	1/4" x 4" x 36" Copper Ground Bar with (99) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	11.50
3822-51-48	1/4" x 4" x 36" Copper Ground Bar with (129) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	15.50
3822-51-60	1/4" x 4" x 36" Copper Ground Bar with (159) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	18.90
7000-3822-51-12	1/4" x 4" x 12" Copper Ground Bar with (27) 7/16" Punched Lug Holes	EA	3.50
7000-3822-51-18	1/4" x 4" x 18" Copper Ground Bar with (45) 7/16" Punched Lug Holes	EA	5.20
7000-3822-51-20	1/4" x 4" x 20" Copper Ground Bar with (51) 7/16" Punched Lug Holes	EA	5.80
7000-3822-51-24	1/4" x 4" x 24" Copper Ground Bar with (63) 7/16" Punched Lug Holes	EA	6.90
7000-3822-51-26	1/4" x 4" x 26" Copper Ground Bar with (69) 7/16" Punched Lug Holes	EA	7.50
7000-3822-51-36	1/4" x 4" x 36" Copper Ground Bar with (99) 7/16" Punched Lug Holes	EA	10.40
7000-3822-51-48	1/4" x 4" x 48" Copper Ground Bar with (129) 7/16" Punched Lug Holes	EA	13.80
7000-3822-51-60	1/4" x 4" x 60" Copper Ground Bar with (159) 7/16" Punched Lug Holes	EA	17.20



Ground Bar - 1/4" x 4", Universal Pattern, 2" Horiz. Spacing with 1" Center Hole (GC-GBAR-BAR-0113)

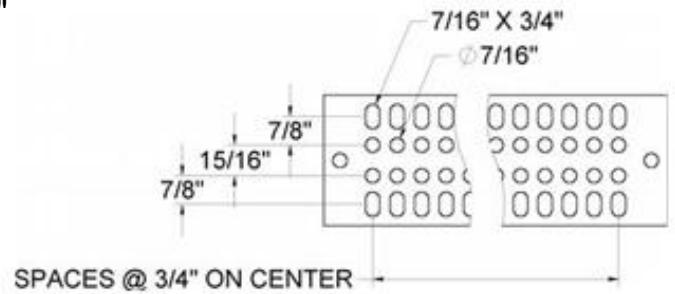
Item #	Description	Unit	Wt (lb)
3822-44-30	1/4" x 4" x 30" Copper Ground Bar with (38) 7/16" Punched Lug Holes, 2 Standoffs and 2 Insulators	EA	10.18
7000-3822-44-30	1/4" x 4" x 30" Copper Ground Bar with (38) 7/16" Punched Lug Holes	EA	9.08



Ground Bar - 1/4" x 4", 3/4" - 1" Universal Pattern, 3/4" Horizontal Spacing (GC-GBAR-BAR-0121)

Also available tinned.

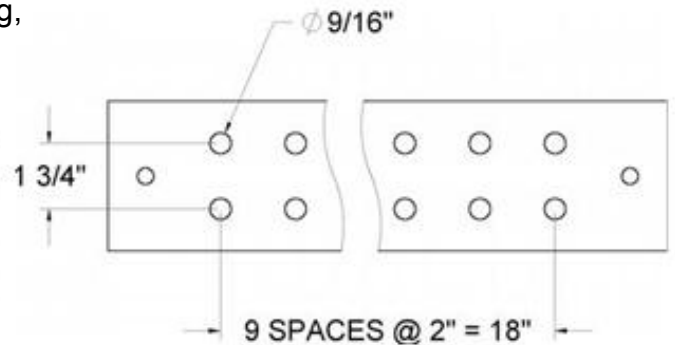
Item #	Description	Unit	Wt (lb)
3822-33-6	1/4" x 4" x 6" Copper Ground Bar with Universal Hole Pattern, Includes Insulators and Stand Off Brackets	EA	2.70
3822-33-12	1/4" x 4" x 12" Copper Ground Bar with Universal Hole Pattern, Includes Insulators and Stand Off Brackets	EA	3.98
3822-33-12-6	1/4" x 4" x 12" Copper Ground Bar with Universal Hole Pattern, Includes Insulators and Beam Clamps	EA	5.56
3822-33-20	1/4" x 4" x 20" Copper Ground Bar with Universal Hole Pattern, Includes Insulators and Stand Off Brackets	EA	5.74
3822-33-24	1/4" x 4" x 24" Copper Ground Bar with Universal Hole Pattern, Includes Insulators and Stand Off Brackets	EA	6.86
3822-33-24-6	1/4" x 4" x 24" Copper Ground Bar with Universal Hole Pattern, Includes Insulators and Beam Clamps	EA	8.40
7000-3822-33-6	1/4" x 4" x 6" Copper Ground Bar with Universal Hole Pattern	EA	1.60
7000-3822-33-12	1/4" x 4" x 12" Copper Ground Bar with Universal Hole Pattern	EA	2.88
7000-3822-33-18	1/4" x 4" x 18" Copper Ground Bar with Universal Hole Pattern	EA	4.10
7000-3822-33-20	1/4" x 4" x 20-1/4" Copper Ground Bar with Universal Hole Pattern	EA	4.64
7000-3822-33-24	1/4" x 4" x 24" Copper Ground Bar with Universal Hole Pattern	EA	5.76



Ground Bar - 1/4" x 4", 1-3/4" NEMA Lug Hole Spacing, 9/16" Dia. Holes (GC-GBAR-BAR-0131)

Also available tinned.

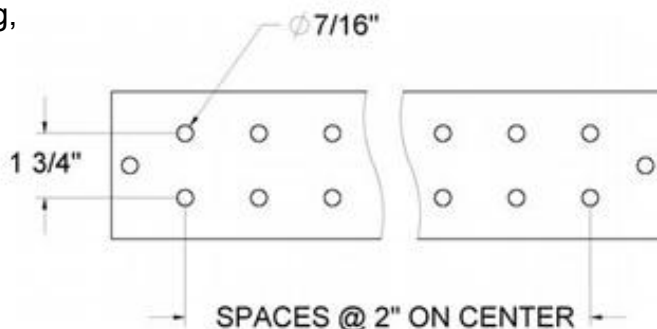
Item #	Description	Unit	Wt (lb)
3822-15-12	1/4" x 4" x 12" Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern with Stand Offs and Insulators	EA	4.70
3822-15-18	1/4" x 4" x 18" Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern with Stand Offs and Insulators	EA	6.50
3822-15-24	1/4" x 4" x 24" Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern with Stand Offs and Insulators	EA	8.40
3822-15-24T-3	Tamper Resistant 1/4" x 4" x 24" Tinned Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern with Stand Offs and Insulators	EA	8.52
3822-15-36	1/4" x 4" x 36" Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern with Stand Offs and Insulators	EA	12.00
3822-15-48	1/4" x 4" x 48" Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern with Stand Offs and Insulators	EA	16.60
7000-3822-15-12	1/4" x 4" x 12" Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern - Bar Only	EA	3.60
7000-3822-15-18	1/4" x 4" x 18" Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern - Bar Only	EA	5.40
7000-3822-15-24	1/4" x 4" x 24" Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern - Bar Only	EA	7.30
7000-3822-15-36	1/4" x 4" x 36" Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern - Bar Only	EA	10.90
7000-3822-15-48	1/4" x 4" x 48" Copper Ground Bar with 9/16" Holes in 1-3/4" NEMA Hole Pattern - Bar Only	EA	14.90



Ground Bar - 1/4" x 4", 1-3/4" NEMA Lug Hole Spacing, 7/16" Dia. Holes (GC-GBAR-BAR-0132)

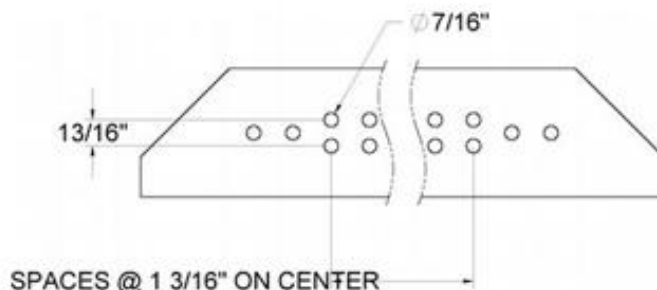
Also available tinned.

Item #	Description	Unit	Wt (lb)
3822-1-12	1/4" x 4" x 12" Copper Ground Bar with 7/16" Holes in 1-3/4" NEMA Lug Hole Pattern with Stand Offs and Insulators		4.80
3822-1-18	1/4" x 4" x 18" Copper Ground Bar with 7/16" Holes in 1-3/4" NEMA Lug Hole Pattern with Stand Offs and Insulators		6.70
3822-1-24	1/4" x 4" x 24" Copper Ground Bar with 7/16" Holes in 1-3/4" NEMA Lug Hole Pattern with Stand Offs and Insulators		8.50
3822-1-36	1/4" x 4" x 36" Copper Ground Bar with 7/16" Holes in 1-3/4" NEMA Lug Hole Pattern with Stand Offs and Insulators		12.30
3822-1-48	1/4" x 4" x 48" Copper Ground Bar with 7/16" Holes in 1-3/4" NEMA Lug Hole Pattern with Stand Offs and Insulators		15.60
7000-3822-1-12	1/4" x 4" x 12" Copper Ground Bar with 7/16" Holes in 1-3/4" NEMA Lug Hole Pattern - Bar Only		3.70
7000-3822-1-18	1/4" x 4" x 18" Copper Ground Bar with 7/16" Holes in 1-3/4" NEMA Lug Hole Pattern - Bar Only		5.60
7000-3822-1-24	1/4" x 4" x 24" Copper Ground Bar with 7/16" Holes in 1-3/4" NEMA Lug Hole Pattern - Bar Only		7.40
7000-3822-1-36	1/4" x 4" x 36" Copper Ground Bar with 7/16" Holes in 1-3/4" NEMA Lug Hole Pattern - Bar Only		11.20
7000-3822-1-48	1/4" x 4" x 48" Copper Ground Bar with 7/16" Holes in 1-3/4" NEMA Lug Hole Pattern - Bar Only		14.50



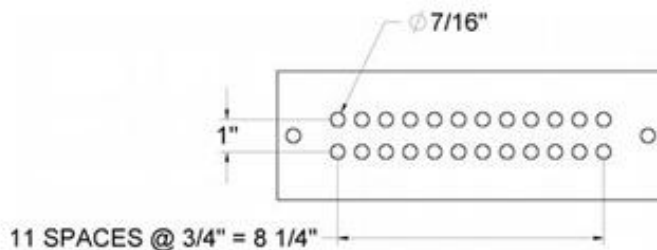
Ground Bar - 1/4" x 4", 13/16" Lug Hole Spacing, 1-3/16" Horizontal Spacing (GC-GBAR-BAR-0147)

Item #	Description	Unit	Wt (lb)
3847-10	Coax Assembly Copper Ground Bar with Insulators and 38 Holes	EA	9.48
3847-10-55	1/4" x 4" x 55" Copper Ground Bar with Insulators	EA	17.46
3847-10-82	1/4" x 4" x 82" Copper Ground Bar with Insulators	EA	25.66
7000-3847-10	1/4" x 4" x 32" Dog Eared Copper Ground Bar	EA	9.20
7000-3847-10-55	1/4" x 4" x 55" Dog Eared Copper Ground Bar	EA	16.10
7000-3847-10-82	1/4" x 4" x 82" Dog Eared Copper Ground Bar	EA	24.30



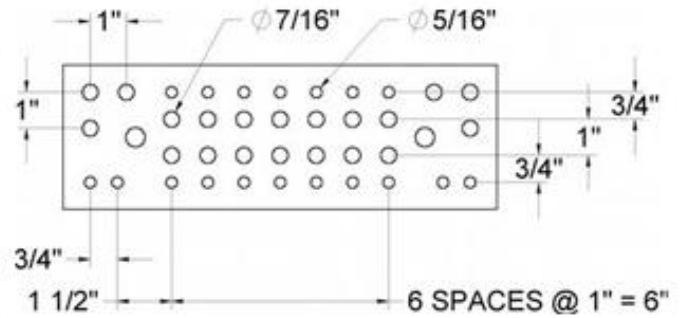
Ground Bar - 1/4" x 4", 1" Lug Hole Spacing, 3/4" Horizontal Spacing (GC-GBAR-BAR-0151)

Item #	Description	Unit	Wt (lb)
3822-43-12	1/4" x 4" x 12" Copper Ground Bar with (24) 7/16" Punched Lug Holes with 2 Standoffs and 2 Insulators	EA	4.84
3822-43-12-6-02G	1/4" x 4" x 12" Copper Ground Bar with (24) 7/16" Punched Lug Holes with 2 Insulators, 2 Beam Clamps, and a 8' Tail of #2 Stranded THHN Green Insulated	EA	8.10
3822-43-12-6-02ST	1/4" x 4" x 12" Copper Ground Bar with (24) 7/16" Punched Lug Holes, 2 Insulators, 2 Beam Clamps and a 8' Tail of #2 Solid Tinned	EA	7.80
7000-3822-43-12	1/4" x 4" x 12" Copper Ground Bar with (24) 7/16" Punched Lug Holes	EA	3.50
7000-3822-43-12-02ST	1/4" x 4" x 12" Copper Ground Bar with (24) 7/16" Punched Lug Holes and a 8' Tail of #2 Solid Tinned	EA	5.20
7000-3822-43-12-2STG	1/4" x 4" x 12" Copper Ground Bar with (24) 7/16" Punched Lug Holes and a 8' Tail of #2 Stranded THHN Green Insulated	EA	5.50



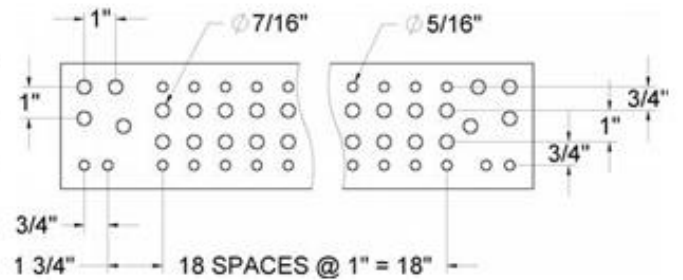
Ground Bars - Telecom - 12" Long (GC-GBAR-BAR-0161)

Item #	Description	Unit	Wt (lb)
3822-10	1/4" x 4" x 12" Tinned Copper CEGB Ground Bar with 2 Standoffs and 2 - 1/2" Insulators Ground Bar is Marked "CEGB"	EA	5.00
3822-11	1/4" x 4" x 12" Tinned Copper OIGB Ground Bar with 2 Insulators and 2 Stainless Steel Threaded Mounting Rods - Bar is Marked "OIGB"	EA	5.00
7000-3822-10-12T	1/4" x 4" x 12" Tinned Copper Bar with (18) 5/16", (20) 7/16" and (2) 17/32" Punched Holes	EA	3.86
3822-10-12T-CEGB-BO	1/4" x 4" x 12" Tinned Copper Bar with (18) 5/16", (20) 7/16" and (2) 17/32" Punched Holes - Bar is Marked "CEGB" in 3/8" High Red Letters	EA	3.86
3822-10-12T-OIGB-BO	1/4" x 4" x 12" Tinned Copper Bar with (18) 5/16", (20) 7/16" and (2) 17/32" Punched Holes - Bar is Marked "OIGB" in 3/8" High Red Letters	EA	3.86



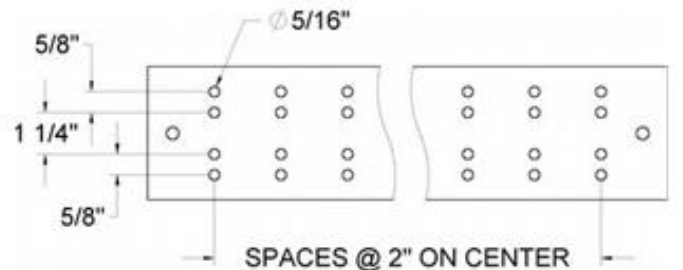
Ground Bars - Telecom - 24" Long (GC-GBAR-BAR-0162)

Item #	Description	Unit	Wt (lb)
3822-12	1/4" x 4" x 24" Tinned Copper Ground Bar with 86 Punched Holes, 1/2" Insulators, Brackets and Marked "MIGB"	EA	8.80
3822-13	1/4" x 4" x 24" Tinned Copper Ground Bar with 86 Punched Holes, 1/2" Insulators and Brackets - Marked "CIGBE"	EA	8.70
3822-12-24T	1/4" x 4" x 24" Tinned Copper Ground Bar with 86 Punched Holes, 3/8" Insulators, Brackets and No Marking	EA	8.00
7000-3822-12	1/4" x 4" x 24" Tinned Copper Ground Bar	EA	6.90



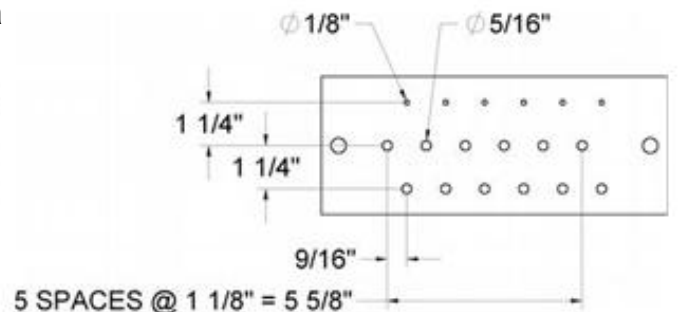
Ground Bar - 1/4" x 4", 5/8" Lug Hole Spacing, Two Rows of Holes (GC-GBAR-BAR-0171)

Item #	Description	Unit	Wt (lb)
3822-35-12	1/4" x 4" x 12" Copper Ground Bar with 5/16" Punched Holes 2 Standoffs and 2 Insulators	EA	4.80
3822-35-24	1/4" x 4" x 24" Copper Ground Bar with 5/16" Punched Holes 2 Standoffs and 2 Insulators	EA	8.50
7000-3822-35-12	1/4" x 4" x 12" Copper Ground Bar with 5/16" Punched Holes	EA	3.70
7000-3822-35-24	1/4" x 4" x 24" Copper Ground Bar with 5/16" Punched Holes	EA	7.40



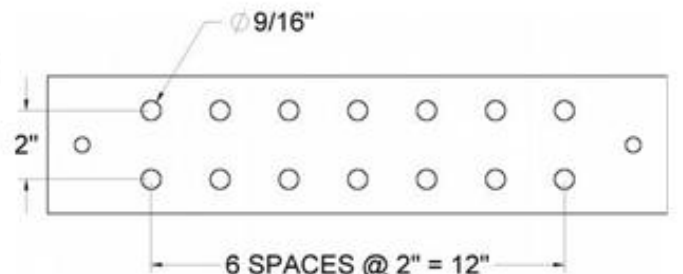
Ground Bar - Equipment - 6/32" Tapped and 9/32" Dia Holes (GC-GBAR-BAR-0181)

Item #	Description	Unit	Wt (lb)
3822-30	1/4" x 4" x 10" Copper Ground Bar with 12 Punched Holes, 6 Tapped Holes, 2 Standoffs and 2 Insulators	EA	3.80
7000-3822-30-10	1/4" x 4" x 10" Copper Ground Bar 6 - 6/32" Tapped Holes and 12 - 9/32" Punched Holes	EA	3.10



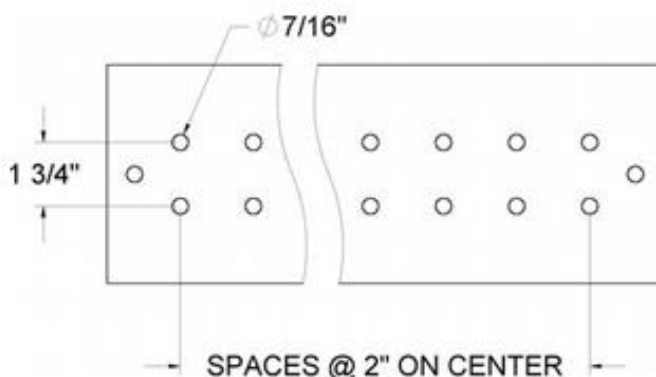
Ground Bar - Equipment - 9/16" Dia Holes (GC-GBAR-BAR-0182)

Item #	Description	Unit	Wt (lb)
7000-3822-32	1/4" x 4" x 18" Copper Ground Bar with 14 Punched Holes	EA	5.50
3822-32	1/4" x 4" x 18" Copper Ground Bar with 14 Punched Holes and 2 Insulators - No Standoff Brackets	EA	6.06



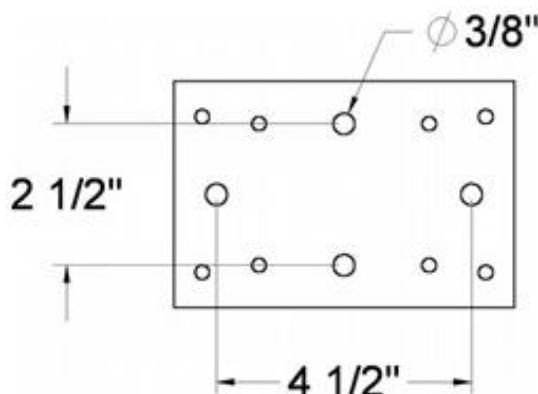
Ground Bar - 1/4" x 6" with 1 3/4" Lug Hole Spacing and 7/16" Dia. Holes (GC-GBAR-BAR-05-01)

Item #	Description	Unit	Wt (lb)
3832-1-12	1/4" x 6" x 12" Copper Ground Bar with 10 Punched Holes, 2 Standoffs and 2 Insulators	EA	6.89
3832-1-24	1/4" x 6" x 24" Copper Ground Bar with 22 Punched Holes, 2 Standoffs and 2 Insulators	EA	12.68
3832-1-36	1/4" x 6" x 36" Copper Ground Bar with 34 Punched Holes, 2 Standoffs and 2 Insulators	EA	18.48
3832-1-48	1/4" x 6" x 48" Copper Ground Bar with 46 Punched Holes, 2 Standoffs and 2 Insulators	EA	24.27
7000-3832-1-12	1/4" x 6" x 12" Copper Ground Bar with 10 - 7/16" Punched Holes 2" Apart with 1-3/4" Spacing	EA	5.79
7000-3832-1-24	1/4" x 6" x 24" Copper Ground Bar with 22 - 7/16" Punched Holes 2" Apart with 1-3/4" Spacing	EA	11.58
7000-3832-1-36	1/4" x 6" x 36" Copper Ground Bar with 34 - 7/16" Punched Holes 2" Apart with 1-3/4" Spacing	EA	17.38
7000-3832-1-48	1/4" x 6" x 48" Copper Ground Bar with 46 - 7/16" Punched Holes 2" Apart with 1-3/4" Spacing	EA	23.17



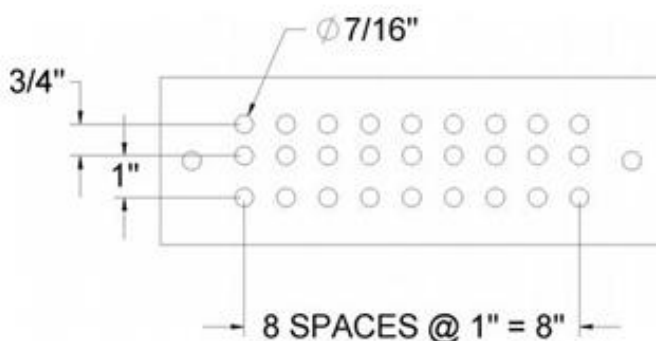
Ground Bars - FAA - 1/4" x 4" x 6" Copper with Single Lug Holes (GC-GBAR-07-01)

Item #	Description	Unit	Wt (lb)
3844	1/4" x 4" x 6" "Multi-Point Ground" Copper Ground Bar with 1/2" Overhang on Plexiglass Cover	EA	N/A
3844-3	1/4" x 4" x 6" "Multi-Point Ground" Copper Ground Bar with 1" Overhang on Plexiglass Cover	EA	N/A
3846	1/4" x 4" x 6" "Single-Point Ground" Copper Ground Bar	EA	N/A
7000-3844	1/4" x 4" x 6" Copper Ground Bar with (4) 3/8" and (8) 1/4" Punched Holes	EA	1.90



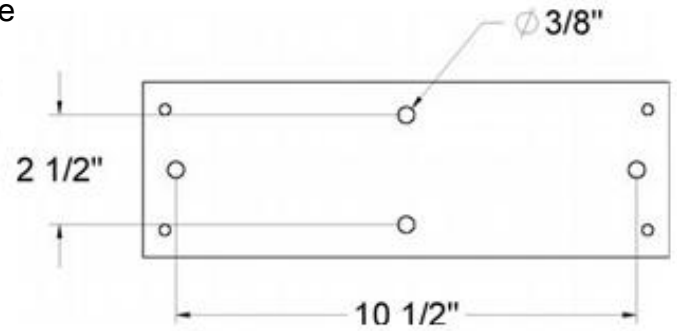
Ground Bars - FAA - 1/4" x 4" x 12" Copper with Universal Lug Holes (GC-GBAR-07-02)

Item #	Description	Unit	Wt (lb)
3822-51-12MGP	1/4" x 4" x 12" Copper Ground Bar with Clear Plexiglass Cover Marked "MAIN GROUND PLATE" in 3/8" High Black Letters - Ground Bar has 7/16" Holes Spaced 1" Apart to Accept Lugs with 3/4", 1" or 1-3/4" Hole Spacing	EA	5.31
3822-51-12MPG	1/4" x 4" x 12" Copper Ground Bar with Clear Plexiglass Cover Marked "MULTI POINT GROUND" in 3/8" High Black Letters with Green and Orange Stripes Above and Below Lettering - Ground Bar has 7/16" Holes Spaced 1" Apart to Accept Lugs with 3/4", 1" or 1-3/4" Hole Spacing	EA	5.31
3822-51-12SPG	1/4" x 4" x 12" Copper Ground Bar with Clear Plexiglass Cover Marked "SINGLE POINT GROUND" in 3/8" High Black Letters with Yellow and Green Stripes Above and Below Lettering - Ground Bar has 7/16" Holes Spaced 1" Apart to Accept Lugs with 3/4", 1" or 1-3/4" Hole Spacing	EA	5.31
7000-3822-51-12	1/4" x 4" x 12 Copper Ground Bar with (27) 7/16" Punched Lug Holes	EA	3.50



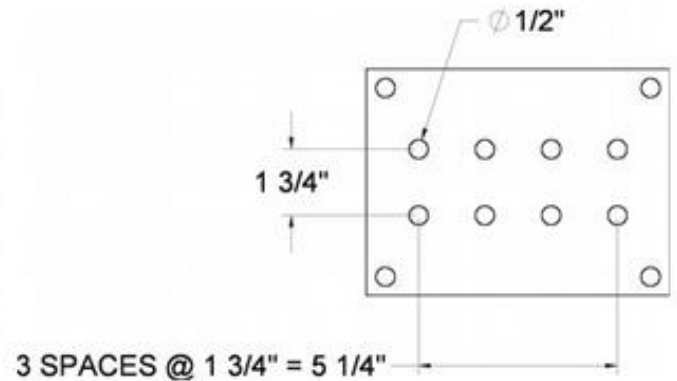
Ground Bars - FAA - 1/4" x 4" x 12" Copper with Single Lug Holes (GC-GBAR-07-03)

Item #	Description	Unit	Wt (lb)
3842	1/4" x 4" x 12" Copper Ground Bar with 1/4" x 7" x 15" Clear Plexiglass Cover Marked "Main Ground Plate" in 3/8" High Black Letters	EA	16.53
7000-3842	1/4" x 4" x 12" Copper Ground Bar	EA	3.81



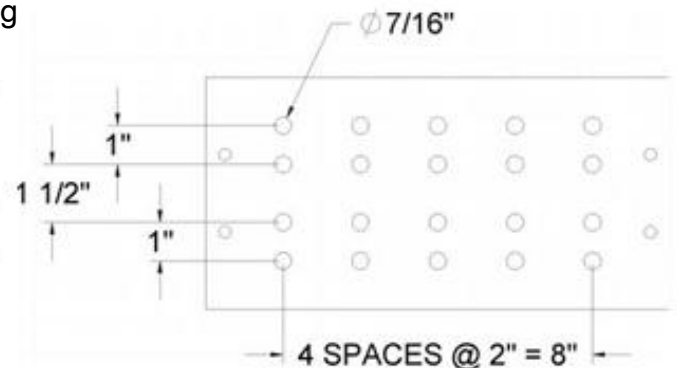
Ground Bars - FAA - 1/4" x 6" x 8" Copper with 1-3/4" Lug Hole Spacing (GC-GBAR-07-04)

Item #	Description	Unit	Wt (lb)
3838	1/4" x 6" x 8" Copper Ground Bar	EA	5.66
3838-1	1/4" x 6" x 8" Clear Covered Copper Ground Bar	EA	6.72
3838-2	1/4" x 6" x 8" Copper Ground Bar with Cover Marked "Main Ground Plate"	EA	N/A
3838-3	1/4" x 6" x 8" Copper Ground Bar with Cover Marked "Multi Point Ground"	EA	N/A
3838-4	1/4" x 6" x 8" Copper Ground Bar with Cover Marked "Single Point Ground"	EA	N/A
3839	1/4" x 6" x 8" "Electronic Single Point Ground" Copper Ground Bar	EA	6.08
7000-3838	1/4" x 6" x 8" Copper Ground Bar with (8) 1/2" Punched Holes 1-3/4" Apart and 1-3/4" Spacing	EA	3.70



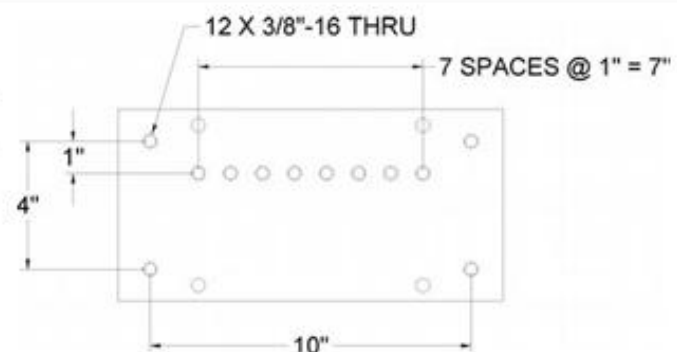
Ground Bars - FAA - 1/4" x 6" x 12" Copper with 1" Lug Hole Spacing (GC-GBAR-07-05)

Item #	Description	Unit	Wt (lb)
3832-8-12SGP	1/4" x 6" x 12" Copper Ground Bar with (4) 5/16" Mounting Holes, (20) 7/16" Lug Holes, (8) #3872 Insulators & (2) #3880-1-2 Brackets. Includes 1/4" x 8" x 14" Clear Plexiglass Cover Marked: "SUPPLEMENTAL GROUND PLATE" In 3/4" High Black Letters With Green Stripes	EA	8.23
7000-3832-8-12	1/4" x 6" x 12" Copper Ground Bar with (4) 5/16" Mounting Holes and (20) 7/16" Lug Holes	EA	5.53



Ground Bars - FAA - 3/8" x 6" x 12" Copper with 3/8" Tapped Holes (GC-GBAR-07-06)

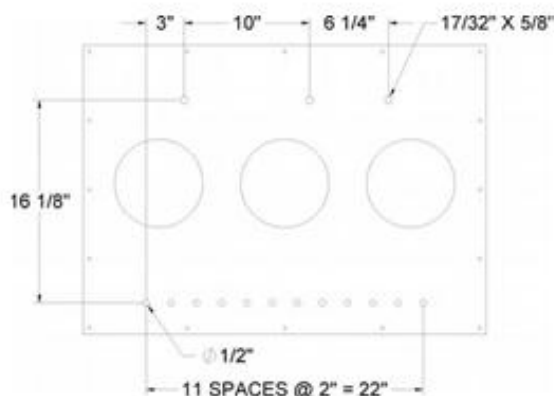
Item #	Description	Unit	Wt (lb)
3835-3BARASSY	Ground Bar Assembly with 3 Ground Bars 3/8" x 6" x 12" with Plexiglass Covers and 2 Splice Bars	EA	36.00
7000-3835-47-12	3/8" x 6" x 12" Copper Ground with (12) 3/8" Tapped Holes and (4) 7/16" Punched Holes	EA	8.50



Bulkhead Plate - 1/4" x 23" x 32" Tinned Copper

(GC-GBAR-07-08)

Item #	Description	Unit	Wt (lb)
3847-23-32	1/4" x 23" x 32" Tinned Copper Bulkhead Plate with (16) 1/4" Mount Holes, (3) 17/32" x 5/8" Slotted Holes, (3) 7" Holes and (12) 1/2" Holes	EA	49.60



Ground Bar Covers - Plexiglass (GC-GBAR-07-10)

Item #	Description	Unit	Wt (lb)
PGC-14C412-MGP	1/4" x 4" x 12" Clear Plexiglass Cover with (2) 7/16" Mounting Holes Marked: "MAIN GROUND PLATE" in 3/8" High Black Letters	EA	0.49
PGC-14C412-MPG	1/4" x 4" x 12" Clear Plexiglass Cover with (2) 7/16" Mounting Holes Marked: "MULTI POINT GROUND" in 3/8" High Black Letters with Green and Orange Stripes Above and Below Lettering	EA	0.49
PGC-14C412-SPG	1/4" x 4" x 12" Clear Plexiglass Cover with (2) 7/16" Mounting Holes Marked: "SINGLE POINT GROUND" in 3/8" High Black Letters with Green and Yellow Stripes Above and Below Lettering	EA	0.49
PGC-14C525-MGP	1/4" x 5" x 25" Clear Plexiglass Cover with (2) 7/16" Mounting Holes Marked: "MAIN GROUND PLATE" in 3/8" High Black Letters	EA	1.28
PGC-14C525-MPG	1/4" x 5" x 25" Clear Plexiglass Cover with (2) 7/16" Mounting Holes Marked: "MULTI POINT GROUND" in 3/8" High Black Letters and Green and Orange Stripes Above and Below Lettering	EA	1.28
PGC-14C525-SPG	1/4" x 5" x 25" Clear Plexiglass Cover with (2) 7/16" Mounting Holes Marked: "SINGLE POINT GROUND" in 3/8" High Black Letters and Green and Yellow Stripes Above and Below Lettering	EA	1.28
PGC-14C814-MGP	1/4" x 8" x 14" Clear Plexiglass Cover with (4) 7/16" Mounting Holes - Cover is Marked: "MAIN GROUND PLATE" in 3/8" High Black Letters	EA	1.15
PGC-14C814-MPGP	1/4" x 8" x 14" Clear Plexiglass Cover with Orange and Green Stripes and (4) 7/16" Mounting Holes - Cover is Marked: "MULTI POINT GROUND" in 3/8" High Black Letters	EA	1.15
PGC-14C814-SPG	1/4" x 8" x 14" Clear Plexiglass Cover with Yellow and Green Stripes and (4) 7/16" Mounting Holes - Cover is Marked: "SINGLE POINT GROUND" in 3/8" High Black Letters	EA	1.15
PGC-14C814-SUPGP	1/4" x 8" x 14" Clear Plexiglass Cover with Green Stripes and (4) 5/16" Mounting Holes - Cover is Marked: "SUPPLEMENTAL GROUND PLATE" in 3/4" High Black Letters	EA	1.10
PGC-14G814-MGP	1/4" x 8" x 14" Green Plexiglass Cover with (4) 7/16" Mounting Holes Marked: "MAIN GROUND PLATE" in 3/8" High White Letters	EA	1.10
PGC-14G814-MPGP	1/4" x 8" x 14" Green Plexiglass Cover with (4) 7/16" Mounting Holes Marked: "MULTI POINT GROUND" in 3/8" High White Letters	EA	1.10
PGC-14G814-SPGP	1/4" x 8" x 14" Green Plexiglass Cover with (4) 7/16" Mounting Holes Marked: "SINGLE POINT GROUND PLATE" in 3/8" High White Letters	EA	1.10

Three Level Copper Arrestor Trapeze (GC-GBAR-01-05-1)

Item #	Description	Unit	Wt (lb)
3847-CU3L	Three Level, Eighteen Arrestor Copper Trapeze Kit. 1-1/4" Diameter Arrestor Mount Holes are Provided on the Trapeze Rungs. Kit Includes Stainless Steel Mounting Hardware that can be Wall Mounted or Hung Vertically from an Ice Bridge	EA	23.10



Copper Arrestor Trapeze (GC-GBAR-01-05-2)

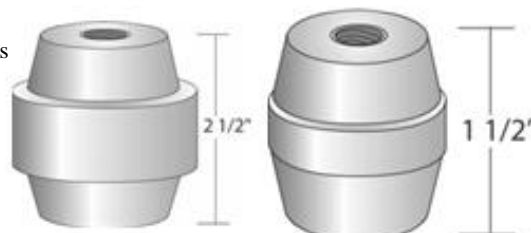
Item #	Description	Unit	Wt (lb)
3847-5	Coax Arrestor Trapeze Buss Bar Kit - 3 Copper Bars - Four 1-1/4" Diameter Arrestor Mount Holes per Bar.	EA	16.20
3847-6	Coax Arrestor Trapeze Buss Bar Kit - 3 Copper Bars - Four 13/16" Diameter Arrestor Mount Holes per Bar.	EA	15.30
3847-1	Coax Arrestor Trapeze Bus Bar Kit - 3 Copper Bars - Four 1-1/4" Diameter Arrestor Mount Holes per Bar, Kit Includes 26" Long Galvanized Steel Channel Strut.	EA	23.10
3847-2	Coax Arrestor Trapeze Bus Bar Kit - 2 Copper Bars - Six 1-1/4" Diameter Mount Holes per Bar. Kit Includes 36" Long Galvanized Steel Channel Strut	EA	23.40



Insulators - Red Poly Thermoset (GC-GBAR-02)

ALT's red poly thermoset insulators are UL listed. Excellent for use with ground bars, buss bars, wall mounts and communication tower mounts.

Item #	Description	Unit	Wt (lb)
3868	2 1/2" x 2 1/2" Red Poly Insulator 3/8" Threads	EA	0.60
3869	2-1/2" x 2-1/2" Red Poly Insulator 1/2" Threads	EA	0.50
3870	1 1/2" x 1 3/4" Red Poly Insulator 3/8" Threads	EA	0.20
3872	7/8" x 1-1/4" Red Poly Insulator 1/4" Threads	EA	0.10
3873	2-1/2" x 2-5/8" Red Poly Insulator 5/8" Threads -11/16 Deep Alum	EA	0.50



Illustrates the 3868, 3869, 3873

Illustrates the 3870

Insulators - Halo Stand-off (GC-GBAR-03)

A stand-off insulator assembly for securing interior halo grounding ring conductors to structures. The 3890-2 features a stainless steel rubber insulated loop clip.

Item #	Description	Unit	Wt (lb)
3890	Halo Standoff Insulating Bracket with 2425 - Fits #2 Thru #2/0 Conductor	EA	0.20
3890-1	Halo Standoff Insulating Bracket with 2450 - Fits #3/0 Thru #4/0 Conductor	EA	0.20
3890-2	Halo Standoff Insulating Bracket with 2405 - Rubber Insulating Loop Clip	EA	0.40

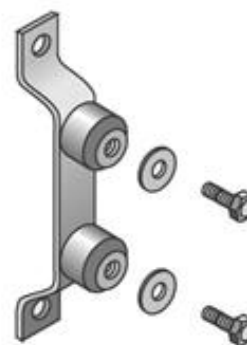


Typical application

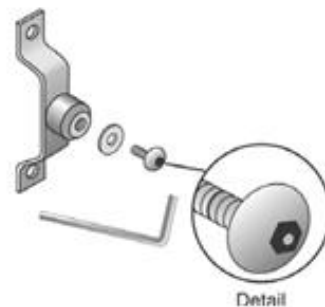
Ground Bar Stand-off Kits (GC-GBAR-04)

A stand-off insulator assembly kit for securing ground bars. The 3875-3 comes with a tamper security feature. All hardware is included in the assembly kit.

Item #	Description	Unit	Wt (lb)
3875	Ground Bar Insulator / Mounting Bracket Kit- Includes (2) 3/8" Insulators, (2) 3880 Stainless Steel Mounting Bracket and Hardware	EA	1.10
3875-1	Ground Bar Insulator / Mounting Bracket Assembly Kit Includes 2 - 3872 and 2 - 3881	EA	0.50
3875-1-3	Ground Bar Insulator / Mounting Bracket Assembly Kit Includes 3 - 3872 and 3 - 3881	EA	1.02
3875-2	Ground Bar Insulator / Mounting Bracket Assembly Kit Includes 4-3870 and 2 - 3880-2	EA	1.70
3875-3	Tamper Resistant Ground Bar Insulator / Mounting Bracket Assembly Kit Includes 2-3870 and 2 - 3880 and Hardware	EA	1.20
3875-4	Ground Bar Insulator / Mounting Bracket Assembly Kit - Insulator with 1/2" Threads	EA	1.80
3875-5	Ground Bar Insulator / Mounting Bracket Assembly Kit - Insulator with 5/8" Threads	EA	2.20
3875-6	Ground Bar Insulator / Mounting Assembly Kit - with Two 2" Beam Clamps, and 2 Insulators with 3/8" Threads	EA	2.64
3875-7	Ground Bar Mounting Assembly Kit - with Two 2" Beam Clamps and Hardware	EA	1.98
3875-8	Antenna Insulating Kit- Includes 2 Insulators, 2 6mm Studs and Hardware	EA	0.30
3875-9	Ground Bar Insulator / Mounting Bracket Kit- Includes (3) 3/8" Insulators, (3) 3880 Stainless Steel Brackets and Hardware	EA	1.70
3875-10	Ground Bar Insulator / Mounting Bracket Kit- Includes (2) 3/8" Insulators, (2) 3880 Stainless Steel Brackets and Hardware for 1/2" Thick Copper Bar	EA	1.10
3875-11	Ground Bar with Plexiglass Cover Insulator / Mounting Bracket Assembly Kit Includes (8)-3872 and (2)-3880-1 EA with 1/4" Stainless Steel Hardware	EA	1.60
3875-12	Ground Bar with Plexiglass Cover Insulator / Mounting Bracket Assembly Kit Includes (4)-3870 3/8" Insulators, EA (2)-3886 Mounting Brackets, (4) 3/8" Nylon All Thread with 3/8" Stainless Steel Hardware	EA	2.20
3875-13	Ground Bar with Plexiglass Cover Insulator / Mounting Bracket Assembly Kit Includes (4)-3870 3/8" Insulators, EA (2)-3880YD Mounting Brackets with 3/8" Stainless Steel Hardware	EA	1.64
3875-MA	Ground Bar Insulator / Mounting Bracket Kit- Includes (2)3/8" Insulators, (2) 3880 Stainless Steel Brackets, EA Masonary Anchors and Hardware	EA	1.40
3875-PGC-38NYLON	Plexiglass Cover 2 Hole Mounting Kit - Includes (2) 3/8" x 4-1/2" Nylon Threaded Rod and 3/8" Stainless Steel EA Hardware	EA	0.22



Standard double insulator bracket kit

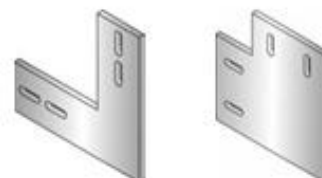


Tamper resistant bracket kit with hardware

Ground Bar Splice Kit - Flat 90 Degree Copper (GC-GBAR-SPL-01)

Splice kit includes all necessary stainless steel hardware.

Item #	Description	Unit	Wt (lb)
3849-18	1/8" x 1" Flat 90 Degree Bus Bar Splice Plate with Stainless Steel Hardware	EA	0.96
3849	1/4" x 1" Flat 90 Degree Bus Bar Splice Plate with Stainless Steel Hardware	EA	1.61
3854-18	1/8" x 2" Flat 90 Degree Bus Bar Splice Plate with Stainless Steel Hardware	EA	1.77
3854	1/4" x 2" Flat 90 Degree Bus Bar Splice Plate with Stainless Steel Hardware	EA	3.22
3855-18	1/4" x 4" Flat 90 Degree Bus Bar Splice Plate with Stainless Steel Hardware	EA	1.61
3855	1/4" x 4" Flat 90 Degree Bus Bar Splice Plate with Stainless Steel Hardware	EA	2.89



Illustrates the 3849, 3854

Illustrates the 3855

Ground Bar Splice Kit - Straight Copper (GC-GBAR-SPL-02)

Splice kit includes all necessary stainless steel hardware.

Item #	Description	Unit	Wt (lb)
3850-18	1/8" x 1" Copper Straight Bus Bar Splice Plate with Stainless Steel Hardware	EA	0.70
3850	1/4" x 1" x 6" Copper Straight Bus Bar Splice Plate with Stainless Steel Hardware	EA	0.90
3852-18	1/8" x 2" Copper Straight Bus Bar Splice Plate with Stainless Steel Hardware	EA	0.82
3852	1/4" x 2" Copper Straight Bus Bar Splice Plate with Stainless Steel Hardware	EA	1.80
3856-18	1/8" x 4" Copper Straight Bus Bar Splice Plate with Stainless Steel Hardware	EA	1.29
3856	1/4" x 4" Copper Straight Bus Bar Splice Plate with Stainless Steel Hardware	EA	3.60



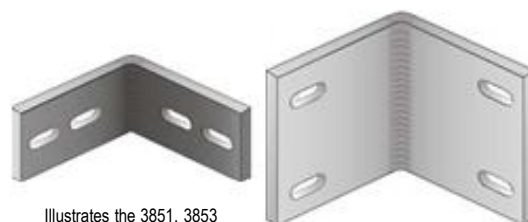
Illustrates the 3850, 3852

Illustrates the 3856

Ground Bar Splice Kit - 90 Degree Copper (GC-GBAR-SPL-03)

Splice kit includes all necessary stainless steel hardware.

Item #	Description	Unit	Wt (lb)
3851-18	1/8" x 1" Copper 90 Degree Corner Splice Plate with Stainless Steel Hardware	EA	0.82
3851	1/4" x 1" Copper 90 Degree Corner Splice Plate with Stainless Steel Hardware	EA	0.90
3853-18	1/8" x 2" Copper 90 Degree Corner Bus Bar Splice Plate with Stainless Steel Hardware	EA	0.80
3853	1/4" x 2" Copper 90 Degree Corner Bus Bar Splice Plate with Stainless Steel Hardware	EA	1.80
3857-18	1/8" x 4" Copper 90 Degree Corner Bus Bar Splice Plate with Stainless Steel Hardware	EA	1.29
3857	1/4" x 4" Copper 90 Degree Corner Bus Bar Splice Plate with Stainless Steel Hardware	EA	3.60



Illustrates the 3851, 3853

Illustrates the 3857

Ground Bar Mounting Brackets - Single Hole (GC-GBAR-06-01)

The one hole 1" wide stainless steel ground bar mounting brackets are offered in a variety of sizes. The dimensions listed are as follows: " Ground Bar Mount Hole Diameter" X "Base Mounting Hole Diameter" X "Base Mounting Hole Spacing" X "Stand-off Height"

Item #	Description	Unit	Wt (lb)
3880	7/16" X 7/16" X 5-11/16" X 1" Single Hole Stainless Steel Ground Bar Mounting Bracket	EA	0.30
3881	5/16" X 5/16" X 3" X 5/8" Single Hole Stainless Steel Ground Bar Mounting Bracket	EA	0.20
3888	7/16" X 7/16" X 5-15/16" X 2-5/8" Single Hole Stainless Steel Ground Bar Mounting Bracket	EA	0.40
3888-4	7/16" X 7/16" X 6-1/4" X 4" Single Hole Stainless Steel Ground Bar Mounting Bracket	EA	0.60
3880-3	5/8" X 7/16" X 5-11/16" X 1" Single Hole Stainless Steel Ground Bar Mounting Bracket	EA	0.30



Ground Bar Mounting Brackets - Double Hole (GC-GBAR-06-02)

The two hole 1" wide stainless steel ground bar mounting brackets are offered in a variety of sizes. 7/16" diameter base mount holes are provided on each bracket. The dimensions listed are as follows: " Ground Bar Mount Hole Diameter" X "Ground Bar Mount Hole Spacing" X "Base Mounting Hole Spacing" X "Stand-off Height"

Item #	Description	Unit	Wt (lb)
3880-1	5/16" X 2-3/4" X 5-5/8" X 1" Two Hole Stainless Steel Ground Bar Mounting Bracket	EA	0.30
3880-2	7/16" X 2-3/4" X 5-5/8" X 1" Two Hole Stainless Steel Ground Bar Mounting Bracket	EA	0.30
3886	7/16" X 5" X 8-11/16" X 1-3/16" Two Hole Stainless Steel Ground Bar Mounting Bracket	EA	0.40
3886-1	11/16" X 5" X 8-11/16" X 1-3/16" Two Hole Stainless Steel Ground Bar Mounting Bracket	EA	0.40
3880-1-2	5/16" X 2" X 5-5/8" X 1" Two Hole Stainless Steel Ground Bar Mounting Bracket	EA	0.30



Ground Wire - Insulated #6 through #2 (EC-CONDTR-01b)

Item #	Description	Unit	Wt (lb)
2809-THHN-BI	#6 Stranded Black THHN Insulated Copper Ground Conductor	FT	0.10
2809-THHN-GI	#6 Stranded Green THHN Insulated Copper Ground Conductor	FT	0.10
2809-THW-GI	#6 Stranded THW Green Insulated Copper Ground Conductor	FT	0.10
2809-THW-GI-O	#6 Stranded Green THW Insulated with Orange Tracer Copper Ground Conductor	FT	0.11
2809-THW-GI-R	#6 Stranded Green THW Insulated with Red Tracer Copper Ground Conductor	FT	0.11
2809-THW-GI-Y	#6 Stranded Green THW Insulated with Yellow Tracer Copper Ground Conductor	FT	0.11
2826-THHN-BI	#4 Stranded THHN Black Insulated Copper Ground Conductor	FT	0.18
2826-THHN-GI	#4 Stranded THHN Green Insulated Copper Ground Conductor	FT	0.16
2826-THW-GI-O	#4 Stranded Green THW Insulated with Orange Tracer Copper Ground Conductor	FT	N/A
2826-THW-GI-R	#4 Stranded Green THW Insulated with Red Tracer Copper Ground Conductor	FT	N/A
2826-THW-GI-Y	#4 Stranded Green THW Insulated with Yellow Tracer Copper Ground Conductor	FT	N/A
2835-THHN-BI	#2 Stranded Black THHN Insulated Copper Ground Conductor	FT	0.24
2835-THHN-GI	#2 Stranded THHN Green Insulated Copper Ground Conductor	FT	0.24
2835-THHN-GI-500	#2 Stranded THHN Green Insulated Copper Ground Conductor on 500' Spools	FT	0.24
2835-THW-GI	#2 Stranded Green THW Insulated Copper Ground Conductor	FT	0.20
2835-THW-GI-O	#2 Stranded THW Green Insulated with Orange Tracer Copper Ground Conductor	FT	0.24
2835-THW-GI-R	#2 Stranded THW Green Insulated with Red Tracer Copper Ground Conductor	FT	0.24
2835-THW-GI-Y	#2 Stranded THW Green Insulated with Yellow Tracer Copper Ground Conductor	FT	0.24



Ground Wire - Insulated 1/0 through 500 MCM (EC-CONDTR-01d)

Item #	Description	Unit	Wt (lb)
2855-THHN-GI	1/0 19 Strand Green Insulated Copper Ground Conductor	FT	0.38
2865-THHN-GI	2/0 19 Strand Green THHN Insulated Copper Ground Conductor	FT	0.47
2865-THW-GI-O	2/0 19 Strand Green THW Insulated with Orange Tracer Copper Ground Conductor	FT	0.47
2865-THW-GI-R	2/0 19 Strand Green THW Insulated with Red Tracer Copper Ground Conductor	FT	0.47
2865-THW-GI-Y	2/0 19 Strand Green THW Insulated with Yellow Tracer Copper Ground Conductor	FT	0.47
2867-WW	2/0 Welding Wire - Black Insulated Copper Ground Conductor	FT	0.41
2870-THHN-BI	3/0 - 19 St Black THHN Insulated Copper Ground Conductor	FT	0.58
2870-THHN-GI	3/0 - 19 St Green Insulated Copper Ground Conductor	FT	0.58
2875-THHN-BI	4/0 19 Strand THHN Black Insulated Copper Ground Conductor	FT	0.73
2875-THHN-GI	4/0 19 Strand Green Insulated Copper Ground Conductor	FT	0.73
2875-THW-GI-O	4/0 19 Strand THW Green Insulated with Orange Tracer Copper Ground Conductor	FT	0.73
2875-THW-GI-R	4/0 19 Strand Green THW Insulated with Red Tracer Copper Ground Conductor	FT	0.73
2875-THW-GI-Y	4/0 19 Strand Green THW Insulated with Yellow Tracer Copper Ground Conductor	FT	0.73
2877-WW	4/0 Welding Wire, Black Insulated Copper Ground Conductor	FT	0.65
2887-THHN-GI	250 MCM Stranded Green Insulated Copper Ground Conductor 37 Strands	FT	0.89
2898-THHN-BI	500 MCM Stranded THHN - Black Insulated Copper Ground Conductor	FT	1.68
2898-THHN-GI	500 MCM Stranded Green Insulated Copper Ground Conductor	FT	1.68



Ground Wire - Bare Solid Annealed Copper (EC-CONDTR-GRND-01)

Item #	Description	Unit	Wt (lb)
2801	#10 Solid Bare Copper Ground Conductor	FT	0.03
2802	#8 Solid Bare Copper Ground Conductor	FT	0.05
2806	#6 Solid Bare Copper Ground Conductor	FT	0.08
2805	#6 Solid Copper Clad 40% Sd	FT	0.07
2824	#4 Solid Bare Copper Ground Conductor	FT	0.13
2832	#2 Solid Bare Copper Ground Conductor	FT	0.20
2850	1/0 Solid Bare Copper Ground Conductor	FT	0.32



Ground Wire - Bare Stranded Soft Annealed Copper (EC-CONDTR-GRND-02)

Item #	Description	Unit	Wt (lb)
2803	#8 Stranded Bare Copper Ground Conductor	FT	0.05
2807	#6 Stranded Bare Copper Ground Conductor	FT	0.08
2825	#4 Stranded Bare Copper Ground Conductor	FT	0.13
2833	#2 Stranded Bare Copper Ground Conductor	FT	0.21
2851	1/0 19 Strand Bare Copper Ground Conductor	FT	0.33
2862	2/0 19 Strand Bare Copper Ground Conductor	FT	0.41
2869	3/0 - 19 St Bare Copper Ground Conductor	FT	0.52
2874	4/0 19 Strand Bare Copper Ground Conductor	FT	0.65
2874-250	4/0 19 Strand Bare Copper Ground Conductor on 250' Spool	FT	0.65
2874-500	4/0 19 Strand Bare Copper Ground Conductor on 500' spool	FT	0.65
2885	250 MCM Stranded Bare Copper Ground Conductor 37 Strands	FT	0.77
2895	500 MCM Stranded Bare Copper Ground Conductor 37 Strands	FT	1.54
2899	750 MCM 37 Strand Bare Copper Ground Conductor	FT	2.46



Ground Wire - Tinned Solid Soft Annealed Copper (EC-CONDTR-GRND-03)

Item #	Description	Unit	Wt (lb)
2808	#6 Solid Tinned Copper Ground Conductor	FT	0.08
2834	#2 Solid Tinned Copper Ground Conductor	FT	0.20
2834-250	#2 Solid Tinned Copper Ground Conductor - on 250' Spool	FT	0.20
2834-500	#2 Solid Tinned Copper Ground Conductor - on 500' Spool	FT	0.20



Ground Wire - Tinned Stranded Soft Annealed Copper (EC-CONDTR-GRND-04)

Item #	Description	Unit	Wt (lb)
2836	#2 Stranded Tinned Copper Ground Conductor	FT	0.21
2863	2/0 19 Strand Tinned Copper Ground Conductor	FT	0.41
2873	4/0 19 Strand Tinned Copper Ground Conductor	FT	0.65



Lugs - Two Hole Long Barrel Compression - #6 through #8 (GC-TCCLUG-01)

Item #	Description	Unit	Wt (lb)
1590-2HLB-381	Long Barrel Tinned Copper Compression Lug - #8 Wire - 3/8" Two Hole on 1" Center - Red Color Code	EA	0.02
1579-2HLB-1458	Long Barrel Tinned Copper Compression Lug #6 Wire- 1/4" Two Hole on 5/8" Spacing - Blue Color Code	EA	0.04
1579-2HLB-1434	Long Barrel Tinned Copper Compression Lug #6 Wire- 1/4" Two Hole on 3/4" Spacing - Blue Color Code	EA	0.04
1579-2HLB-141	Long Barrel Tinned Copper Compression Lug #6 Wire- 1/4" Two Hole on 1" Spacing - Blue Color Code	EA	0.04
1579-2HLB-51658	Long Barrel Tinned Copper Compression Lug #6 Wire- 5/16" Two Hole on 5/8" Spacing - Blue Color Code	EA	0.04
1579-2HLB-51634	Long Barrel Tinned Copper Compression Lug #6 Wire- 5/16" Two Hole on 3/4" Spacing - Blue Color Code	EA	0.04
1579-2HLB-5161	Long Barrel Tinned Copper Compression Lug #6 Wire- 5/16" Two Hole on 1" Spacing - Blue Color Code	EA	0.04
1579-2HLB-3858	Long Barrel Tinned Copper Compression Lug #6 Wire- 3/8" Two Hole on 5/8" Spacing - Blue Color Code	EA	0.04
1579-2HLB-3834	Long Barrel Tinned Copper Compression Lug #6 Wire- 3/8" Two Hole on 3/4" Spacing - Blue Color Code	EA	0.04
1579-2HLB-381316	Long Barrel Tinned Copper Compression Lug #6 Wire- 3/8" Two Hole on 13/16" Spacing - Blue Color Code	EA	0.04
1579-2HLB-381	Long Barrel Tinned Copper Compression Lug #6 Wire- 3/8" Two Hole on 1" Spacing - Blue Color Code	EA	0.03
1579-2HLBIW-381	Long Barrel Tinned Copper Compression Lug #6 Wire- 3/8" Two Hole on 1" Spacing with Inspection Window - Blue Color Code	EA	0.03
1579-2HLB-716SLOT	Long Barrel Universal Tinned Copper Compression Lug #6 - Slotted to Fit 3/8" Hardware on 3/4", 13/16" and 1" Spacing - Blue Color Code	EA	0.04
1579-2HLB-12134	Long Barrel Tinned Copper Compression Lug - #6 Wire -17/32" Two Hole on 1-3/4" Spacing - Blue Color Code	EA	0.04



Lugs - Two Hole Long Barrel Compression - #4 through #5 (GC-TCCLUG-01a)

Item #	Description	Unit	Wt (lb)
1587-2HLB-3858	Long Barrel Tinned Copper Compression Lug #5 Wire-3/8" Two Hole on 5/8" Spacing - Blue Color Code	EA	0.04
1587-2HLB-3834	Long Barrel Tinned Copper Compression Lug #5 Wire-3/8" Two Hole on 3/4" Spacing - Blue Color Code	EA	0.04
1587-2HLB-381316	Long Barrel Tinned Copper Compression Lug #5 Wire- 3/8" Two Hole on 13/16" Spacing - Blue Color Code	EA	0.04
1587-2HLB-381	Long Barrel Tinned Copper Compression Lug #5 Wire- 3/8" Two Hole on 1" Spacing - Blue Color Code	EA	0.04
1586-2HLB-381	Long Barrel Tinned Compression Lug #4 Wire - 3/8" Two Hole on 1" Spacing - Grey Color Code	EA	0.04
1586-2HLB-1434	Long Barrel Tinned Compression Lug #4 Wire - 1/4" Two Hole on 3/4" Spacing	EA	0.04



Lugs - Two Hole Long Barrel Compression - #2 (GC-TCCLUG-01b)

Item #	Description	Unit	Wt (lb)
1582-2HLB-1458	Long Barrel Tinned Copper Compression Lug #2 Solid / #3 Stranded- 1/4" Two Hole on 5/8" Spacing - White Color Code	EA	0.08
1582-2HLB-5161	Long Barrel Tinned Copper Compression Lug #2 Solid / #3 Stranded - 5/16" Two Hole on 1" Spacing - White Color Code	EA	N/A
1582-2HLB-3858	Long Barrel Tinned Copper Compression Lug #2 Solid / #3 Stranded- 3/8" Two Hole on 5/8" Spacing - White Color Code	EA	0.08
1582-2HLB-3834	Long Barrel Tinned Copper Compression Lug #2 Solid / #3 Stranded- 3/8" Two Hole on 3/4" Spacing - White Color Code	EA	0.08
1582-2HLB-381316	Long Barrel Tinned Copper Compression Lug #2 Solid / #3 Stranded- 3/8" Two Hole on 13/16" Spacing - White Color Code	EA	0.08
1582-2HLB-381	Long Barrel Tinned Copper Compression Lug #2 Solid / #3 Stranded- 3/8" Holes on 1" Spacing - White Color Code	EA	0.08
1580-2HLB-1458	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 1/4" Two Hole on 5/8" Spacing - Brown Color Code	EA	0.08
1580-2HLB-1434	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 1/4" Two Hole on 3/4" Spacing - Brown Color Code	EA	0.08
1580-2HLB-141	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 1/4" Two Hole on 1" Spacing - Brown Color Code	EA	0.08
1580-2HLB-51658	Long Barrel Tinned Copper compression Lug #2 Stranded Wire- 5/16" Two Hole on 5/8" Spacing - Brown Color Code	EA	0.08
1580-2HLB-51634	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 5/16" Two Hole on 3/4" Spacing - Brown Color Code	EA	0.08
1580-2HLB-5161	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 5/16" Two Hole on 1" Spacing - Brown Color Code	EA	0.08
1580-2HLB-3858	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 3/8" Two Hole on 5/8" Spacing - Brown Color Code	EA	0.06
1580-2HLB-3834	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 3/8" Two Hole on 3/4" Spacing - Brown Color Code	EA	0.06
1580-2HLB-381316	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 3/8" Two Hole on 13/16" Spacing - Brown Color Code	EA	0.06
1580-2HLB-381	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 3/8" Two Hole on 1" Spacing - Brown Color Code	EA	0.06
1580-2HLB-12134	Long Barrel Tinned Copper Compression Lug - #2 Stranded Wire - 17/32" Two Hole on 1-3/4" Spacing - Brown Color Code	EA	0.08



Lugs - Two Hole Long Barrel Compression - 1/0 through 3/0 (GC-TCCLUG-01c)

Item #	Description	Unit	Wt (lb)
1575-2HLB-381	Long Barrel Tinned Copper Compression Lug - #1/0 Wire - 3/8" Two Hole on 1" Spacing - Pink Color Code	EA	0.10
1575-2HLB-12134	Long Barrel Tinned Copper Compression Lug - #1/0 Wire - 17/32" Two Hole on 1-3/4" Spacing - Pink Color Code	EA	0.13
1575-2HLBIW-381	Long Barrel Tinned Copper Compression Lug #1/0 Wire- 3/8" Two Hole on 1" Spacing with Inspection Window - Pink Color Code	EA	N/A
1575-2HLBIW-12134	Long Barrel Tinned Copper Compression Lug #1/0 - 1/2" Two Hole on 1-3/4" Spacing with Inspection Window - Pink Color Code	EA	N/A
1576-2HLB-381	Long Barrel Tinned Copper Compression Lug - #2/0 Wire 3/8" Two Hole on 1" Spacing - Black Color Code	EA	0.11
1576-2HLB-12134	Long Barrel Tinned Copper Compression Lug - #2/0 Wire -17/32" Two Hole on 1-3/4" Spacing - Black Color Code	EA	0.10
1577-2HLB-381	Long Barrel Tinned Copper Compression Lug #3/0 Lb 2 Hole 3/8" on 1" Center - Orange Color Code	EA	0.14
1577-2HLBIW-381	Long Barrel Tinned Copper Compression Lug - 3/0 Wire - 3/8" Two Hole on 1" Spacing with Inspection Window - Orange Color Code	EA	N/A
1576-2HLBIW-381	Long Barrel Tinned Copper Compression Lug - 2/0 Wire - 3/8" Two Hole on 1" Spacing with Inspection Window - Black Color Code	EA	N/A
1577-2HLB-12134	Long Barrel Tinned Copper Compression Lug #3/0 Lb 2 Hole 1/2" on 1-3/4" Center - Orange Color Code	EA	0.14



Lugs - Two Hole Long Barrel Compression - 4/0 (GC-TCCLUG-01d)

Item #	Description	Unit	Wt (lb)
1578-2HLB-1434	Long Barrel Tinned Copper Compression Lug - #4/0 Wire - 1/4" Two Hole on 3/4" Spacing - Purple Color Code	EA	0.14
1578-2HLB-3834	Long Barrel Tinned Copper Compression Lug - #4/0 Wire - 3/8" Two Hole on 3/4" Spacing - Purple Color Code	EA	0.17
1578-2HLB-381	Long Barrel Tinned Copper Compression Lug - #4/0 Wire - 3/8" Two Hole on 1" Spacing - Purple Color Code	EA	0.12
1578-2HLBIW-381	Long Barrel Tinned Copper Compression Lug #4/0 - 3/8" Two Hole on 1" Spacing with Inspection Window - Purple Color Code	EA	N/A
1578-2HLB-12134	Long Barrel Tinned Copper Compression Lug - #4/0 Wire - 17/32" Two Hole on 1-3/4" Spacing - Purple Color Code	EA	0.21
1578-2HLBIW-12134	Long Barrel Tinned Copper Compression Lug - #4/0 Wire - 1/2" Two Hole on 1-3/4" Spacing with Inspection Window - Purple Color Code	EA	N/A
1578F-2HLB-381	Long Barrel Tinned Copper Compression Lug - #4/0 Flex(Weld) Wire - 3/8" Two Hole on 1" Spacing - Purple Color Code	EA	0.17
1578F-2HSBIW-381	Standard Barrel Tinned Copper Compression Lug - #4/0 Flex Wire - 3/8" Two Hole on 1" Spacing with Inspection Window - Yellow Color Code	EA	0.02



Lugs - Two Hole Long Barrel Compression - 250 MCM through 750 MCM

(GC-TCCLUG-01e)

Item #	Description	Unit	Wt (lb)
1583-2HLB-12134	Long Barrel Tinned Copper Compression Lug #250 MCM - 1/2" Two Hole on 1-3/4" Spacing - Yellow Color Code	EA	0.25
1584-2HLB-381	Long Barrel Tinned Copper Compression Lug #350 MCM- 3/8" Two Hole on 1" Spacing - Red Color Code	EA	0.30
1584-2HLBIW-12134	Long Barrel Tinned Copper Compression Lug #350 MCM- 1/2" Two Hole on 1-3/4" Spacing with Inspection Window - Red Color Code	EA	0.38
1585-2HLB-12134	Long Barrel Tinned Copper Compression Lug #500 MCM- 1/2" Two Hole on 1-3/4" Spacing - Brown Color Code	EA	0.63
1581-2HLB-12134	Long Barrel Tinned Copper Compression Lug 750MCM Wire - 17/32" Two Hole on 1-3/4" Spacing - Black Color Code	EA	1.02



Lugs - One Hole Long Barrel Compression (GC-TCCLUG-02)

Item #	Description	Unit	Wt (lb)
1590-1HLB-14	Long Barrel Tinned Copper Compression Lug - #8 Wire - 1/4" Single Hole - Red Color Code	EA	0.01
1579-1HLB-14	Long Barrel Tinned Copper Compression Lug #6 Wire- 1/4" Single Hole - Blue Color Code	EA	0.04
1579-1HLB-38	Long Barrel Tinned Copper Compression Lug #6 Wire- 3/8" Single Hole - Blue Color Code	EA	0.04
1587-1HLB-38	Long Barrel Tinned Copper Compression Lug #5 Wire- 3/8" Single Hole - Blue Color Code	EA	N/A
1582-1HLB-38	Long Barrel Tinned Copper Compression Lug #2 Solid / #3 Stranded- One 3/8" Hole - White Color Code	EA	0.08
1580-1HLB-516	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 5/16" Single Hole - Brown Color Code	EA	0.08
1580-1HLB-38	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 3/8" Single Hole - Brown Color Code	EA	0.08
1580-1HLB-12	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 1/2" Single Hole - Brown Color Code	EA	0.08
1576F-1HSB-38	Standard Barrel Tinned Copper Compression Lug - #2/0 Flex Wire - 3/8" One Hole - Black Color Code	EA	0.07
1578F-1HSB-38	Standard Barrel Tinned Copper Compression Lug - #4/0 Flex Wire - 3/8" One Hole - Yellow Color Code	EA	N/A
1578F-1HSBIW-38	Standard Barrel Tinned Copper Compression Lug - #4/0 Flex Wire - 3/8" One Hole with Inspection Window - Purple Color Code	EA	0.12
1584-1HLBIW-12	Long Barrel Tinned Copper Compression Lug #350 MCM- 1/2" One Hole with Inspection Window - Red Color Code	EA	0.10



Lugs - Two Hole Standard Barrel Compression with Inspection Window (GC-TCCLUG-03)

Item #	Description	Unit	Wt (lb)
1591-2HSBIW-1458	Standard Barrel Tinned Copper Compression Lug with Inspection Window - #14-10 Stranded Wire or #12-10 Solid Wire - 1/4" Two Hole on 5/8" Center	EA	0.01
1590-2HSBIW-141	Standard Barrel Tinned Copper Compression Lug with Inspection Window - #8 Wire - 1/4" Two Hole on 1" Center - Red Color Code	EA	0.01
1590-2HSBIW-1434	Standard Barrel Tinned Copper Compression Lug with Inspection Window - #8 Wire - 1/4" Two Hole on 3/4" Center - Red Color Code	EA	0.01
1579-2HSBIW-141	Standard Barrel Tinned Copper Compression Lug - #6 Wire - 1/4" Two Hole on 1" Center with Inspection Window - Blue Color Code	EA	0.03
1579-2HSBIW-1458	Standard Barrel Tinned Copper Compression Lug - #6 Wire - 1/4" Two Hole on 5/8" Center with Inspection Window - Blue Color Code	EA	0.02
1579-2HSBIW-1434	Standard Barrel Tinned Copper Compression Lug - #6 Wire - 1/4" Two Hole on 3/4" Center with Inspection Window - Blue Color Code	EA	0.03
1579-2HSBIW-5161	Standard Barrel Tinned Copper Compression Lug - #6 Wire - 5/16" Two Hole on 1" Center with Inspection Window - Blue Color Code	EA	0.03
1579-2HSBIW-381	Standard Barrel Tinned Copper Compression Lug - #6 Wire - 3/8" Two Hole on 1" Center with Inspection Window - Blue Color Code	EA	0.03
1580-2HLBIW-12134	Long Barrel Tinned Copper Compression Lug #2 Stranded Wire- 1/2" Two Hole on 1-3/4" Spacing with Inspection Window - Brown Color Code	EA	0.08
1578F-2HSBIW-381	Standard Barrel Tinned Copper Compression Lug - #4/0 Flex Wire - 3/8" Two Hole on 1" Spacing with Inspection Window - Yellow Color Code	EA	0.02
1585-2HLBIW-12134	Long Barrel Tinned Copper Compression Lug #500 MCM- 1/2" Two Hole on 1-3/4" Spacing with Inspection Window - Brown Color Code	EA	0.62
1585-2HSBIW-12134	Standard Barrel Tinned Copper Compression Lug #500 MCM- 1/2" Two Hole on 1-3/4" Spacing with Inspection Window - Brown Color Code	EA	0.53
1585F-2HLBIW-381	Long Barrel Tinned Copper Compression Lug - #500 Flex Wire - 3/8" Two Hole on 1" Spacing with Inspection Window - Pink Color Code	EA	0.62



Lugs - One Hole Standard Barrel Compression with Inspection Window

(GC-TCCLUG-04)

Item #	Description	Unit	Wt (lb)
1590-1HSBIW-14	Standard Barrel Tinned Copper Compression Lug - #8 Wire - 1/4" Single Hole with Inspection Window - Red Color Code	EA	0.01
1590-1HSBIW-38	Standard Barrel Tinned Copper Compression Lug - #8 Wire - 3/8" Single Hole with Inspection Window - Red Color Code	EA	0.01
1579-1HSBIW-14	Standard Barrel Tinned Copper Compression Lug - #6 Wire - 1/4" Single Hole with Inspection Window - Blue Color Code	EA	0.03
1579-1HSBIW-38	Standard Barrel Tinned Copper Compression Lug - #6 Wire - 3/8" Single Hole with Inspection Window - Blue Color Code	EA	0.03
1580-1HSBIW-516	Standard Barrel Tinned Copper Compression Lug - #2 Stranded - 5/16" Single Hole with Inspection Window - Brown Color Code	EA	0.06
1580-1HSBIW-38	Standard Barrel Tinned Copper Compression Lug - #2 Stranded - 3/8" Single Hole with Inspection Window - Brown Color Code	EA	0.06
1580-1HSBIW-12	Standard Barrel Tinned Copper Compression Lug - #2 Stranded - 1/2" Single Hole with Inspection Window - Brown Color Code	EA	0.06



Splices - Tinned Copper Long Barrel Compression (GC-TCCLUG-05)

Item #	Description	Unit	Wt (lb)
1570-6	Tinned Copper Long Barrel Compression Splice #6 Stranded to #6 Stranded - Blue Color Code	EA	0.10
1570-5	Tinned Copper Long Barrel Compression Splice #5 Stranded to #5 Stranded - Blue Color Code	EA	0.03
1570-3	Tinned Copper Long Barrel Compression Splice #3 Str#2 Solid to #3 Str#2 Solid - White Color Code	EA	0.10
1570-2	Tinned Copper Long Barrel Compression Splice #2 Stranded to #2 Stranded - Brown Color Code	EA	0.10
1570-1/0	Tinned Copper Long Barrel Compression Splice #1/0 Stranded to #1/0 Stranded - Pink Color Code	EA	0.10
1570-2/0	Tinned Copper Long Barrel Compression Splice #2/0 Stranded to #2/0 Stranded - Black Color Code	EA	0.10
1570-3/0	Tinned Copper Long Barrel Compression Splice #3/0 Stranded to #3/0 Stranded - Orange Color Code	EA	0.10
1570-4/0	Tinned Copper Long Barrel Compression Splice #4/0 Stranded to #4/0 Stranded - Purple Color Code	EA	0.10



C-Tap - Heavy Duty (GC-CTAP-01)

Item #	Description	Unit	Wt (lb)
1571	Heavy Duty C-Tap #2 Solid - #2 Stranded (Tap #2 Solid - #2 Stranded) Utilizes Hydraulic Crimp Tool	EA	0.07
1571-1	Heavy Duty C-Tap #2 Solid - #2 Stranded (Tap #8 Solid - #4 Stranded) Utilizes Hydraulic Crimp Tool	EA	0.08
1571-6	Heavy Duty C-Tap #6 Solid - #2 Stranded (Tap #6 Solid - #2 Stranded) Utilizes Hydraulic Crimp Tool	EA	0.08
1571-7	Heavy Duty C-Tap #500MCM - #4/0 Stranded (Tap #2 Solid - #6 Stranded) Utilizes Hydraulic Crimp Tool	EA	0.40
1571-8	Heavy Duty C-Tap #3/0 Solid/4/0 Stranded (Tap #3/0 Solid/4/0 Stranded) Utilizes Hydraulic Crimp Tool	EA	0.25



C-Tap (GC-CTAP-02)

Item #	Description	Unit	Wt (lb)
1571-2	Copper C-Tap #6 to #6 (Brown Color Code) Utilizes Manual Crimp Tool	EA	0.03
1571-3	Copper C-Tap #2 to #6 (Pink Color Code) Utilizes Manual Crimp Tool	EA	0.04
1571-4	Copper C-Tap #2 Sol - #2 Str to #2 Sol - #2 Str (Orange Color Code) Utilizes Manual Crimp Tool	EA	0.80
1571-5	Copper C-Tap #2/0 to #2 (Yellow Color Code) Utilizes Manual Crimp Tool	EA	0.10



Split Bolt Connectors (EC-MISC-08)

Item #	Description	Unit	Wt (lb)
961-6	Split Bolt Connector Minimum of 2 Ea #8 Stranded Maximum of 2 Ea #6 Stranded	EA	0.10
961-2	Split Bolt Connector Minimum of 2 Ea #6 Stranded Maximum of 2 Ea #2 Stranded	EA	0.10
961-2/0	Split Bolt Connector Minimum of 2 Ea #2 Solid Maximum of 2 Ea 2/0 Stranded	EA	0.20
961-3/0	Split Bolt Connector Minimum of 2 Ea #1 Stranded Maximum of 2 Ea 3/0 Stranded	EA	0.40
961-250	Split Bolt Connector Minimum of 2 Ea #1 Stranded Maximum of 2 Ea 250MCM Stranded	EA	0.40
961-500	Split Bolt Connector Minimum of 2 Ea 2/0 Stranded Maximum of 2 Ea 500MCM Stranded	EA	0.80
961-750	Split Bolt Connector Minimum of 2 Ea 4/0 Stranded Maximum of 2 Ea 750MCM Stranded	EA	1.70
962-2/0	Tinned Copper Two Bolt Split Bolt Connector #2 Stranded to 2/0 Stranded	EA	0.30
962-4/0	Tinned Copper Two Bolt Split Bolt Connector 1/0 Stranded to 4/0 Stranded	EA	0.40
962-500	Tinned Copper Two Bolt Split Bolt Connector Up to 4 - 500 MCM Conductors	EA	0.90



Illustrates the 961



Illustrates the 962

Lugs - Mechanical Bonding (GC-MLUG-01)

A cast bonding lug with 3/8" bolt hole. Hole may be modified for other sizes.

Item #	Description	Unit	Wt (lb)
1110	Bronze Bonding Lug with 3/8" Bolt Hole - Fits Lightning Conductor Range 129 to 268	EA	0.50
1110-1	Bronze Bonding Lug with 9/16" Bolt Hole - Fits Lightning Conductor Range 129 to 268	EA	0.50
A1110	Aluminum Bonding Lug with 3/8" Bolt Hole - Fits Lightning Conductor Range A124 to A288	EA	0.30

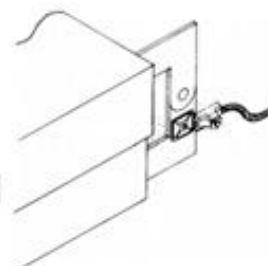


Typical application

Lugs - Heavy Duty Mechanical Bonding (GC-MLUG-02)

A cast heavy duty bonding lug with 5/16" bolt hole. Hole may be modified for other sizes.

Item #	Description	Unit	Wt (lb)
1130	Bronze Heavy Duty Bonding Lug with 5/16" Bolt Hole - Fits Lightning Conductor Range 129 to 268	EA	0.50
A1130	Aluminum Heavy Duty Bonding Lug with 5/16" Bolt Hole - Fits Lightning Conductor Range A124 to A237	EA	0.20



Typical application

Lugs - Secondary Mechanical Bonding (GC-MLUG-03)

A cast bonding lug with 1/4" bolt hole for bonding secondary metal bodies.

Item #	Description	Unit	Wt (lb)
1140	Bronze Secondary Bonding Lug with 1/4" Bolt Hole - Fits Lightning Conductor Range 60 to 288	EA	0.20
1140T	Tinned Bronze Secondary Bonding Lug with 1/4" Bolt Hole - Fits Lightning Conductor Range 60 to 288	EA	0.20
A1140	Aluminum Secondary Bonding Lug with 1/4" Bolt Hole - Fits Lightning Conductor Range A40 to A14	EA	0.10

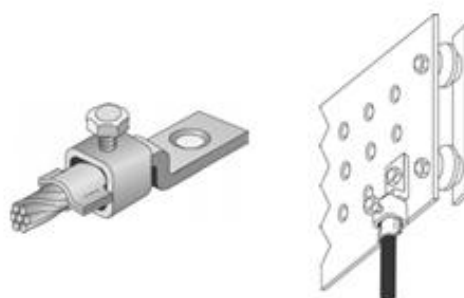


Typical application

Lugs - Copper Single Hole Solderless (GC-MLUG-04)

A solderless lug used to attach ground conductors to ground bars or any type of metal object. Lug is made of electrolytic copper.

Item #	Description	Unit	Wt (lb)
1150	Single Hole Copper Lug with 1/4" Hole - Fits Grounding Conductor Range #8 Solid to #2 Stranded	EA	0.10
1152	Single Hole Copper Lug - Fits Grounding Conductor Range #8 Solid to 1/0 Stranded	EA	0.10
1156	Single Hole Copper Lug - Fits Grounding Conductor Range 2/0 to 4/0 Stranded	EA	0.20
1159	Single Hole Copper Lug - Fits Grounding Conductor Range 4/0 to 500MCM	EA	0.80

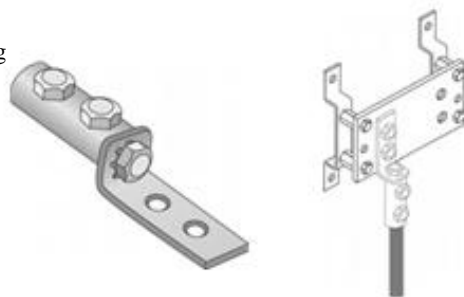


Typical application

Lugs - Copper Two Hole Grounding (GC-MLUG-05)

The lug is made of copper for superior conductivity. The lug is excellent for attaching conductors to ground bars or any type of metal object.

Item #	Description	Unit	Wt (lb)
1163	Two Hole Solid Copper Lug - Hole Size 3/8" - Hole Spacing 1" - Fits Grounding Conductor Range #6 Solid to #2 Stranded	EA	0.30
1164	Two Hole Solid Copper Lug - Hole Size 17/32" - Hole Spacing 1-3/4" - Fits Grounding Conductor Range #6 Solid to 2/0 Stranded	EA	0.40
1165	2 Hole Solid Copper Lug - Hole Size 17/32" - Hole Spacing 1-3/4" - Fits Grounding Conductor Range 2/0 Solid to 250 MCM	EA	0.70

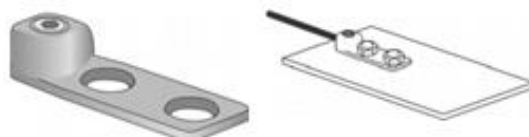


Typical application

Lugs - Bronze Two Hole Grounding (GC-MLUG-06)

A bronze terminal bonding lug with 17/32" bolt holes spaced 1-3/4" on center.

Item #	Description	Unit	Wt (lb)
1179	Two Hole Bronze Lug - Hole Size 17/32" - Hole Spacing 1-3/4" - Fits Grounding Conductor Range 4/0 to 500 MCM	EA	0.80

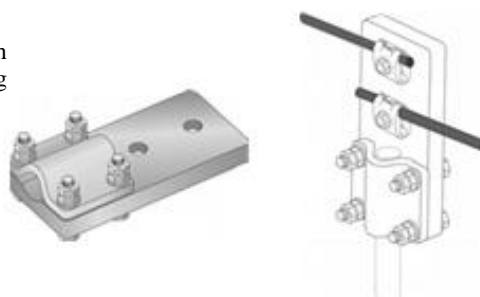


Typical application

Lugs - Heavy Duty Copper Lug/Terminal Connector (GC-MLUG-07)

This connector accommodates from 4/0 to 750 MCM conductor or 3/4" ground rod. Made with a 1/2" thick copper base and 1/4" thick clamp, this connector has been used (with spring clamps, connectors and conductor) to ground vehicles or carts on airport tarmac.

Item #	Description	Unit	Wt (lb)
1199	Premier Copper Lug/Terminal Connector - Fits Grounding Conductor Range 4/0 to 750MCM	EA	2.90



Typical application

Lugs - Heavy Duty Mechanical Bonding with 4" of Contact (GC-MLUG-08)

Item #	Description	Unit	Wt (lb)
1112	Heavy Duty Bronze Bonding Lug with 4" Square Inches of Contact, Fits Grounding Conductor Range #2 to 3/0, Fits Lightning Protection Conductor Range 129 to 228	EA	0.64
A1112	Heavy Duty Aluminum Bonding Lug Fits Lightning Conductor Range A124 to A237	EA	0.24



Grounding Components

Lugs - Heavy Duty Bonding with 3" of Contact (GC-MLUG-09)

Item #	Description	Unit	Wt (lb)
1113	Heavy Duty Bronze Bonding Lug Fits Grounding Conductor Range 1/0 to 4/0, Fits Lightning Conductor Range 129 to 288	EA	1.29



Lugs - Exothermic (GC-EXLUG)

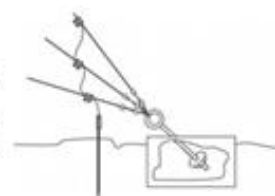
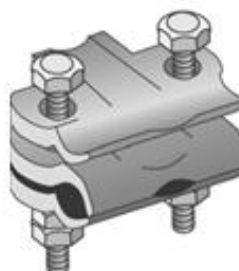
Item #	Description	Unit	Wt (lb)
38-4150-00	Tinned Copper Offset 1-Hole Lug - 1/8" x 1" x 2-5/8"	EA	0.48
38-4152-00	Tinned Copper Offset 2 - Hole Lug - 1/8" x 1" x 4-3/4"	EA	0.20
38-4153-00	Tinned Copper Offset 1-Hole Lug - 3/16" x 1" x 3"	EA	0.73
38-4154-00	Tinned Copper Offset 2-Hole Lug - 3/16" x 1" x 3-5/8"	EA	0.22
38-4155-00	Tinned Copper Offset 2-Hole Lug - 3/16" x 1" x 4-3/4"	EA	0.73
38-4156-00	Tinned Copper Offset 1-Hole Lug - 1/4" x 1" x 3"	EA	0.24
38-4157-00	Tinned Copper Offset 2-Hole Lug - 1/4" x 1" x 3-3/4"	EA	0.93
38-4158-00	Tinned Copper Offset 2-Hole Lug - 1/4" x 1" x 4-3/4"	EA	0.98
38-4162-00	Tinned Copper Offset 1-Hole Lug - 1/4" x 1-1/2" x 3-1/4"	EA	1.45
38-4164-00	Tinned Copper Offset 2-Hole Lug - 1/4" x 1-1/2" x 4-3/4"	EA	1.45
38-4165-00	Tinned Copper Offset 1-Hole Lug - 3/8" x 1-1/2" x 3-1/4"	EA	2.18
38-4167-00	Tinned Copper Offset 2-Hole Lug - 3/8" x 1-1/2" x 4-3/4"	EA	2.18
38-4168-00	Tinned Copper Offset 1-Hole Lug - 3/8" x 2" x 3-1/4"	EA	2.90
38-4170-00	Tinned Copper Offset 2-Hole Lug - 3/8" x 2" x 5-1/8"	EA	2.90
38-4171-00	Tinned Copper Offset 4-Hole Lug - 1/4" x 3" x 5-1/8"	EA	2.90
38-4175-00	Tinned Copper Offset 4-Hole Lug - 3/8" x 3" x 5-1/8"	EA	4.35
38-4176-00	Tinned Copper Offset 4-Hole Lug - 1/2" x 3" x 5-1/8"	EA	5.80
38-4200-00	Tinned Copper Straight 1-Hole Lug - 1/8" x 1" x 2-5/8"	EA	0.48
38-4201-00	Tinned Copper Straight 2-Hole Lug - 1/8" x 1" x 3-1/2"	EA	0.48
38-4202-00	Tinned Copper Straight 2-Hole Lug - 1/8" x 1" x 4"	EA	0.48
38-4203-00	Tinned Copper Straight 1-Hole Lug - 3/16" x 1" x 1-15/16"	EA	0.73
38-4205-00	Tinned Copper Straight 2-Hole Lug - 3/16" x 1" x 4"	EA	0.73
38-4206-00	Tinned Copper Straight 1-Hole Lug - 1/4" x 1" x 3"	EA	0.22
38-4208-00	Tinned Copper Straight 2-Hole Lug - 1/4" x 1" x 4-3/4"	EA	0.98
38-4212-00	Tinned Copper Straight 1-Hole Lug - 1/4" x 1-1/2" x 3-1/4"	EA	1.45
38-4214-00	Tinned Copper Straight 2-Hole Lug - 1/4" x 1-1/2" x 4-3/4"	EA	1.45
38-4215-00	Tinned Copper Straight 1-Hole Lug - 3/8" x 1-1/2" x 3-1/4"	EA	2.18
38-4217-00	Tinned Copper Straight 2-Hole Lug - 3/8" x 1-1/2" x 5-3/4"	EA	2.18
38-4218-00	Tinned Copper Straight 1-Hole Lug - 3/8" x 2" x 4-3/8"	EA	2.90
38-4220-00	Tinned Copper Straight 2-Hole Lug - 3/8" x 2" x 5-1/8"	EA	2.90
38-4221-00	Tinned Copper Straight 4-Hole Lug - 1/4" x 3" x 5-1/8"	EA	2.90
38-4225-00	Tinned Copper Straight 4-Hole Lug - 3/8" x 3" x 5-1/8"	EA	4.35
38-4226-00	Tinned Copper Straight 4-Hole Lug - 1/2" x 3" x 5-1/8"	EA	5.80
38-4293-00	Tinned Copper Curled End 1-Hole Lug - 3/16" x 1" x 1-3/4"	EA	0.73
38-4294-00	Tinned Copper Curled End 1-Hole Lug - 1/8" x 1" x 1-3/4"	EA	0.48
B-103-CE-L003	2 Hole Offset Lug, 7/16" Holes	EA	N/A
B-103-DE-OL	2 Hole Offset Tinned Copper Lug 3/16" x 1" with 3/8" Holes on 1" Centers (38-4154-00)	EA	0.21
B-104-EK-OL	4-Hole Offset Lug, 1/4" x 3" (38-4171-00)	EA	1.45
B-121-DE	One Hole Tinned Copper Lug 3/16" x 1" (38-4293-00)	EA	0.10
B-122-BLK	Blank Tinned Copper Lug 1/8" x 1" - fits GLC-CE1T Mold	EA	0.16
B-122-CE	Two Hole Tinned Copper Lug 1/8" x 1" (38-3575-00)	EA	0.12
B101AA	1/16 X 1/2 Wide with 1-9/32 Hole Copper Lug	EA	N/A
B922CC38C	Two Hole Upturn Lug with Studs for 3/8" Hardware on 1" Centers	EA	0.05



Guy Wire Ground Clamp - Tinned Bronze (GC-GWC-01)

A cast tinned bronze connector for attaching grounding conductor to tower guy wires. Clamp has two extra jam nuts for a secure connection.

Item #	Description	Unit	Wt (lb)
990	Tinned Bronze 3/8" Thru 1-1/8" Guy Wire Ground Clamp - Fits Conductor Sizes .162 to .528	EA	1.10

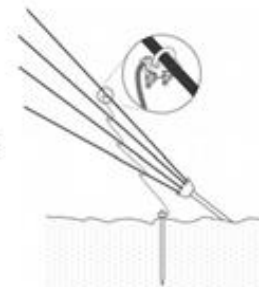


Typical application

Guy Wire Ground Clamp - U-Bolt Right Angle (GC-GWC-02)

A cast tinned bronze right angle U-bolt connector with extra jam nuts to insure an excellent connection. U-bolt and hardware are stainless steel.

Item #	Description	Unit	Wt (lb)
1321-2	Tinned Bronze U-Bolt Right Angle Ground Clamp with Jam Nut - Guy Wire Sizes 3/8" to 3/4" - Grounding Conductor Range #6 Solid thru 4/0 Stranded	EA	0.40
1321-5	Tinned Bronze U-Bolt Right Angle Ground Clamp with Jam Nut - Guy Wire Sizes 3/8" to 1" - Grounding Conductor Range #6 Solid thru 4/0 Stranded	EA	0.50

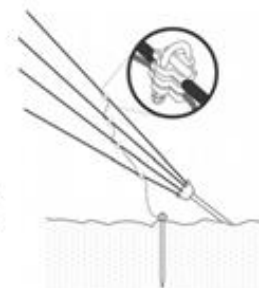


Typical application

Guy Wire Ground Clamp - U-Bolt Parallel (GC-GWC-03)

A tinned bronze parallel connector specifically configured to be a guy wire ground clamp with jam nuts to insure an excellent connection. U-bolt and hardware are stainless steel.

Item #	Description	Unit	Wt (lb)
1311	Tinned Bronze U-Bolt Parallel Guy Wire Ground Clamp - Guy Wire Sizes 1/4" to 7/8" - Grounding Conductor Range #6 Solid thru 4/0 Stranded	EA	0.60

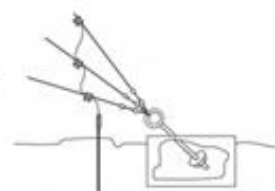


Typical application

Guy Wire Ground Clamp - Tinned Bronze Two Bolt (GC-GWC-04)

A cast tinned bronze parallel connector for attaching cable to cable, or cable to rod, or rod to rod. Excellent for attaching grounding conductor to tower guy wires. Clamp comes complete with jam nuts, and provides for 2" of contact on each conductor.

Item #	Description	Unit	Wt (lb)
905-2	Tinned Heavy Duty Two Bolt Parallel Ground Clamp with Two Extra Nuts - Guy Wire Sizes 3/8" to 3/4" - Fits Conductor Sizes .162 to .528	EA	0.50



Typical application

Guy Wire Ground Clamp - Bronze Parallel (GC-GWC-05)

Item #	Description	Unit	Wt (lb)
901	Bronze Parallel Guy Wire Ground Clamp with Lockwashers - Fits Conductor Sizes .292 to .528	EA	0.40
901G	Bronze Parallel Guy Wire Ground Clamp with 1/2" Galvanized Hardware, Fits Conductor Sizes .292 to .528	EA	0.40



Guy Wire Ground Clamp - Tinned Bronze Parallel with Jam Nut (GC-GWC-06)

Item #	Description	Unit	Wt (lb)
901-3	Tinned Bronze Parallel Guy Wire Ground Clamp with Jam Nuts - Fits Conductor Sizes .292 to .528	EA	0.40



Waveguide Ladder Support Clamp (GC-CONSP-01) A cast tinned bronze connector for securing ground conductor to ladder support.

Item #	Description	Unit	Wt (lb)
940-5	Tinned Bronze Waveguide Ladder Support Clamp - Fits Conductor Sizes .162 to .528	EA	0.30

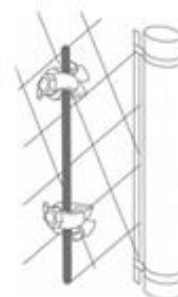


Typical application

Fence Ground Clamp (GC-CONSP-04)

A ground clamp with clasp and stainless steel hardware. The clasp may be rotated to allow the conductor to be routed in a straight line on cyclone fences.

Item #	Description	Unit	Wt (lb)
2553	Bronze Adjustable Fence Ground Clamp - Overall Size 1-1/4" x 1-1/2" - Fits Conductor Sizes .162 to .500	EA	0.10
A2553	Aluminum Adjustable Fence Ground Clamp - Overall Size 1-1/4" x 1-1/2" - Fits Conductor Sizes .162 to .500	EA	0.10



Typical application

Beam Clamp - Malleable Iron (GC-CONSP-05)

A galvanized iron beam clamp for use on a beam, girder or other structural member. Each clamp has two tapped mounting holes.

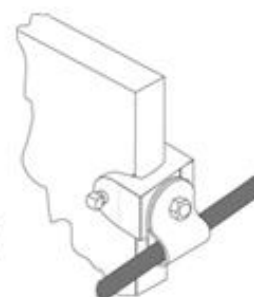
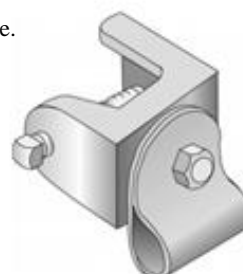
Item #	Description	Unit	Wt (lb)
2590	2" Malleable Zinc Plated Iron Beam Clamp - Tapped Holes 3/8" x 16 - Maximum Plate Thickness 3/4"	EA	0.70
2591	1" Malleable Zinc Plated Iron Beam Clamp - Tapped Holes 1/4" x 20 - Maximum Plate Thickness 11/16"	EA	0.20



Beam Clamp with Conductor Support (GC-CONSP-06)

A galvanized malleable iron support clamp with tinned copper loop and stainless steel hardware. Connects to object up to 11/16" thick.

Item #	Description	Unit	Wt (lb)
2595	Beam Clamp with 1" Tinned Loop Clip Fits 11/16" Thick Surface - Loop Fits Conductor Sizes .375 to .528	EA	0.20

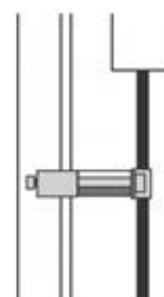


Typical application

Beam Clamp with Insulated Conductor Support (GC-CONSP-07)

The insulated support clamp is made from a galvanized malleable iron beam clamp with a red poly insulator and a conductor support loop clip. The 2595-2 has a stainless steel rubber insulated loop which fits up to 1/0 solid. The 2595-1 has the larger standard copper clip to accommodate up to 4/0 insulated conductor. This part is designed to support the grounding conductor while insulating from the structure.

Item #	Description	Unit	Wt (lb)
2595-1	Beam Clamp with 3872 Insulator and 2425 Loop Clip - Fits 11/16" Thick Surface	EA	0.40
2595-2	Beam Clamp with 3872 Insulator and 2405 Rubber Insulated SS Loop Clip - Fits 11/16" Thick Surface	EA	0.40



Typical application

Grounding Components

Channel Strut Ground Clamp (GC-CONSP-08)

The grounding connection for channel strut kit is used with grounding conductor to mechanically bond the channel strut to a grounding system. Accepts from #2 up to 4/0 grounding conductor. The kit comes complete with 1/2" spring nut, bronze one bolt parallel clamp, 1/2" x 2" stainless steel hex bolt and stainless steel washers to provide a grounding connection that attaches to 1-5/8" x 1-5/8" channel strut (not provided in kit).

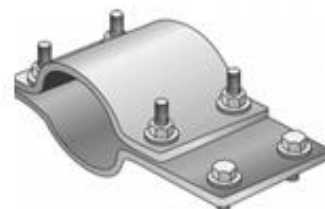
Item #	Description	Unit	Wt (lb)
903	Bronze One Bolt Grounding Clamp for 1-5/8" x 1-5/8" Channel Strut	EA	0.60



Pipe Clamps - Brass Heavy Duty (GC-PCLMP-01)

Fits 1-3/4" NEMA lugs. All 1/2" mounting hardware included.

Item #	Description	Unit	Wt (lb)
951	1/4" x 4" Brass Custom Sprint Water Pipe Clamp Fits 3/4" to 1-7/8" OD	EA	4.50
951-2	1/4" x 4" Brass Custom Sprint Water Pipe Clamp Fits 1-7/8" to 2-1/4" OD	EA	5.30
951-25	1/4" x 4" Brass Custom Sprint Water Pipe Clamp Fits 2-1/8" to 2-1/2" OD	EA	5.50
951-3	1/4" x 4" Brass Custom Sprint Water Pipe Clamp Fits 2-7/16" to 3-3/8" OD	EA	5.70
951-35	1/4" x 4" Brass Custom Sprint Water Pipe Clamp Fits 3-1/8" to 3-7/8" OD	EA	6.50
951-4	1/4" x 4" Brass Custom Sprint Water Pipe Clamp Fits 3-7/8" to 4-3/4" OD	EA	7.20
951-5	1/4" x 4" Brass Custom Sprint Water Pipe Clamp Fits 3-3/4" to 5" OD	EA	8.00
951-6	1/4" x 4" Brass Custom Sprint Water Pipe Clamp Fits 5-1/2" to 6 3/8" OD	EA	9.10
951-7	1/4" x 4" Brass Custom Sprint Water Pipe Clamp Fits 6 -1/2" to 7 - 1/2" OD	EA	9.30
951-8	1/4" x 4" Brass Custom Sprint Water Pipe Clamp Fits 7" to 8-3/4" OD	EA	9.80



Pipe Clamps (GC-PCLMP-02)

A cast pipe clamp adjustable to various ground conductors, pipes and round objects.

Item #	Description	Unit	Wt (lb)
945-1	Bronze Pipe Clamp - Pipe Range 3/4" to 1-1/4" OD - Fits Conductor Sizes .375 to .500	EA	0.50
945	Tinned Bronze Pipe Clamp - Pipe Range 3/4" to 1-1/4" OD - Fits Conductor Sizes .375 to .500	EA	0.50
949	Tinned Bronze Pipe Clamp - Pipe Range 1-1/4" to 2-1/4" OD - Fits Conductor Sizes .375 to .500	EA	1.20
A945	Aluminum Pipe Clamp - Pipe Range 3/4" to 1-1/4" OD - Fits Conductor Sizes .375 to .500	EA	0.20
A947	Aluminum Pipe Clamp - Pipe Range 1-3/4" to 2" OD - Fits Conductor Sizes .375 to .500	EA	0.30
A949	Aluminum Pipe Clamp - Pipe Range 1-1/4" to 2-1/4" OD - Fits Conductor Sizes .375 to .500	EA	0.40



Water Pipe Ground Clamps (GC-PCLMP-03)

Cast bronze clamp fits a variety of sizes of pipe or stranded conductors offering a convenient grounding source.

Item #	Description	Unit	Wt (lb)
1305-1	Cast Bronze Water Pipe Ground Clamp - Fits 1/2" Thru 1" OD Pipe and #10 Thru #2 Stranded Conductors	EA	0.20
1305-2	Cast Bronze Water Pipe Ground Clamp - Fits 1-1/4" Thru 2" OD Pipe and #10 Thru #2 Stranded Conductors	EA	0.20
1305-4	Cast Bronze Water Pipe Ground Clamp - Fits 2-1/2" Thru 4" OD Pipe and #10 Thru #2 Stranded Conductors	EA	1.00



AGE(tm) - Vertical "Advanced Grounding Electrode" (GC-AGE-01-01)

The Advanced Grounding Electrode (AGE) is a chemically enhanced grounding electrode system. Each AGE kit includes the following components: 12" long double wall high traffic area test well, a copper AGE electrode, one 4' exothermically welded tail, ALT ground enhancement material (part number 3520), specially formulated starter material (part number 3521). Rods listed are with 4/0 bare tails. Rods are available with any wire size. Specify wire size. Special rod lengths and tail lengths are available upon request.

Item #	Description	Unit	Wt (lb)
3450	8' Vertical Advanced Grounding Electrode Kit Assembly with 4/0 Bare Tail	EA	257.00
3452	10' Vertical Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail	EA	282.00
3454	12' Vertical Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail	EA	294.00
3456	16' Vertical Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail	EA	393.00
3458	20' Vertical Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail	EA	257.00
3458-1	40' Vertical Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail (shipped in 2 Pieces Field Apply Chemicals)	EA	826.00

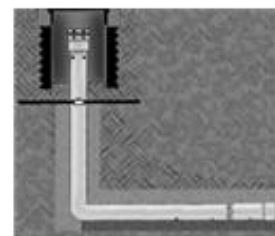


Typical application

AGE(tm) - Horizontal "Advanced Grounding Electrode" (GC-AGE-01a-01)

The Advanced Grounding Electrode (AGE) is a chemically enhanced grounding electrode system. Each AGE kit includes the following components: 12" long double wall high traffic area test well, a copper AGE electrode, one 4' exothermically welded tail, ALT ground enhancement material (part number 3520), specially formulated starter material (part number 3521). Rods listed are with 4/0 bare tails. Rods are available with any wire size. Specify wire size. Special rod lengths and tail lengths are available upon request. Rods listed have a 30" neck length. Neck lengths are also available in 18" and 24". Specify neck length.

Item #	Description	Unit	Wt (lb)
3459	8' Horizontal Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail	EA	257.00
3460	10' Horizontal Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail	EA	282.00
3462	12' Horizontal Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail	EA	294.00
3464	14' Horizontal Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail	EA	381.00
3466	16' Horizontal Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail	EA	393.00
3468	20' Horizontal Advanced Grounding Electrode Kit Assembly with 4/0 Bare Copper Tail	EA	495.00



Typical application

AGE(tm) Chemical Recharge Material (GC-AGE-02)

Recharge kit comes complete with the necessary chemicals to refill the AGE(tm) chemical ground rod. Available in quantities to match length of vertical horizontal ground rod.

Item #	Description	Unit	Wt (lb)
3490-8	AGE Chemical Recharge Material for 8' Rod	EA	16.00
3490-10	AGE Chemical Recharge Material for 10' Rod	EA	25.00
3490-12	AGE Chemical Recharge Material for 12' Rod	EA	30.00
3490-14	AGE Chemical Recharge Material for 14' Rod	EA	35.00
3490-16	AGE Chemical Recharge Material for 16' Rod	EA	40.00
3490-20	AGE Chemical Recharge Material for 20' Rod	EA	50.00



AGE(tm) Starter Kit (GC-AGE-GE-01)

Loose fill natural organic material designed to help distribute the AGE(tm) chemistry consistently into the surrounding earth.

Item #	Description	Unit	Wt (lb)
3541	Loose Fill Natural Organic Material	EA	30.00

Ground Enhancement Material (GC-AGE-GE-02)

ALT ground enhancement material is an economical low-resistivity grounding backfill. The material creates a positive, low resistance connection between the grounding system and the earth.

Item #	Description	Unit	Wt (lb)
3520	Ground Enhancement Material - 25 Lb	EA	25.00

Bentonite Clay (GC-AGE-GE-03)

Bentonite is a natural clay that is hydroscopic and has very low resistivity.

Item #	Description	Unit	Wt (lb)
3530	Bentonite Back Fill 50 lb (80 lbs / Cu Ft)	EA	50.00

Ground Rods - Copper Clad Standard (GC-GROD-01)

No threads.

Item #	Description	Unit	Wt (lb)
2908	5/8" x 8' Copper Clad Ground Rod	EA	6.96
2920	5/8" x 10' Copper Clad Ground Rod	EA	8.70
2940	3/4" x 8' Copper Clad Ground Rod	EA	10.24
2960	3/4" x 10' Copper Clad Ground Rod	EA	12.80
2980	1" x 10' Copper Clad Ground Rod	EA	23.00



Ground Rods - Copper Clad Sectional (GC-GROD-01a)

1-1/2" thread at both ends of rod.

Item #	Description	Unit	Wt (lb)
2921	5/8" x 10' Copper Clad Sectional Ground Rod	EA	8.70
2950	3/4" x 5' Copper Clad Sectional Ground Rod	EA	4.99
2953	3/4" x 8' Copper Clad Sectional Ground Rod	EA	9.98
2961	3/4" x 10' Copper Clad Sectional Ground Rod	EA	12.80
2981	1" x 10' Copper Clad Sectional Ground Rod	EA	23.00



Ground Rods - Solid Copper Standard (GC-GROD-02)

No threads.

Item #	Description	Unit	Wt (lb)
2901	Solid Copper Ground Rod 1/2" x 8'	EA	6.09
2906	Solid Copper Ground Rod 1/2" x 10'	EA	7.61
2909	Solid Copper Ground Rod 5/8" x 8'	EA	9.51
2919	Solid Copper Ground Rod 5/8" x 10'	EA	11.89
2941	Solid Copper Ground Rod 3/4" x 8'	EA	13.69
2959	Solid Copper Ground Rod 3/4" x 10'	EA	17.12
2979	Solid Copper Ground Rod 1" x 10'	EA	30.43



Ground Rods - Galvanized Steel Standard (GC-GROD-03)

No threads.

Item #	Description	Unit	Wt (lb)
2938	5/8" x 8' Galvanized Ground Rod	EA	8.80
2939	5/8" x 10' Galvanized Ground Rod	EA	11.00
2978	3/4" x 10' Galvanized Ground Rod	EA	15.90



Ground Rods - Stainless Steel Standard (GC-GROD-04)

No threads.

Item #	Description	Unit	Wt (lb)
2904	1/2" x 10' 304 Stainless Steel Ground Rod	EA	6.60
2925	5/8" x 8' Stainless Steel 304 Ground Rod	EA	8.00
2926	5/8" x 10' Stainless Steel 304 Ground Rod	EA	10.00
2935	5/8" x 12' Stainless Steel 304 Ground Rod	EA	12.50
2966-5	3/4" x 5' Stainless Steel 304 Ground Rod	EA	7.50
2945	3/4" x 8' Stainless Steel 304 Ground Rod	EA	12.00
2966	3/4" x 10' Stainless Steel 304 Ground Rod	EA	15.00
2975	3/4" x 12' Stainless Steel 304 Ground Rod	EA	18.00
2986	1" x 10' Stainless Steel 304 Ground Rod	EA	26.70



Ground Rods - Stainless Steel Sectional (GC-GROD-04a)

1-1/2" thread at both ends of rod.

Item #	Description	Unit	Wt (lb)
2907	1/2" x 10' Stainless Steel 304 Sectional Ground Rod	EA	6.60
2925-2	5/8" x 8' Stainless Steel 304 Sectional Ground Rod	EA	8.00
2928	5/8" x 10' Stainless Steel 304 Sectional Ground Rod	EA	10.00
2937	5/8" x 12' Stainless Steel 304 Sectional Ground Rod	EA	12.50
2949	3/4" x 4' Stainless Steel 304 Sectional Ground Rod	EA	6.00
2968-5	3/4" x 5' Stainless Steel 304 Sectional Ground Rod	EA	7.40
2947	3/4" x 8' Stainless Steel 304 Sectional Ground Rod	EA	12.00
2968	3/4" x 10' Stainless Steel 304 Sectional Ground Rod	EA	15.00
2977	3/4" x 12' Stainless Steel 304 Sectional Ground Rod	EA	18.00
2988	1" x 10' Stainless Steel 304 Sectional Ground Rod	EA	26.70



Ground Rods - Stainless Steel Threaded (GC-GROD-04b)

1-1/2" thread at top only.

Item #	Description	Unit	Wt (lb)
2903	1/2" x 10' 304 Stainless Steel Threaded Ground Rod	EA	6.60
2927	5/8" x 10' Stainless Steel 304 Threaded Ground Rod	EA	10.00
2936	5/8" x 12' Stainless Steel 304 Threaded Ground Rod	EA	12.50
2967-5	3/4" x 5' Stainless Steel 304 Threaded Ground Rod	EA	7.40
2946	3/4" x 8' Stainless Steel 304 Threaded Ground Rod	EA	12.00
2967	3/4" x 10' Stainless Steel 304 Threaded Ground Rod	EA	15.00
2976	3/4" x 12' Stainless Steel 304 Threaded Ground Rod	EA	18.00
2987	1" x 10' Stainless Steel 304 Threaded Ground Rod	EA	26.70



Ground Rod Driving Sleeve (GC-GROD-05)

A ground rod driving sleeve is used to prevent damage to the top of the ground rod when driving into position. For use with standard rods only.

Item #	Description	Unit	Wt (lb)
3070-58	5/8" Ground Rod Driving Sleeve	EA	1.30
3070-34	3/4" Ground Rod Driving Sleeve	EA	1.30



Ground Rod Couplers (GC-GROD-06)

Ground rod couplers are used to connect threaded or sectional ground rods.

Item #	Description	Unit	Wt (lb)
3040-12	Brass Coupler 1/2" Ground Rod	EA	0.20
3040-58	Brass Coupler 5/8" Ground Rod	EA	0.30
3040-34	Brass Coupler 3/4" Ground Rod	EA	0.40
3040-1	Brass Coupler 1" Ground Rod	EA	1.00
3050-12	304 Stainless Steel Coupler 1/2" Ground Rod	EA	0.20
3050-58	304 Stainless Steel Coupler 5/8" Ground Rod	EA	0.30
3050-34	304 Stainless Steel Coupler 3/4" Ground Rod	EA	0.40
3050-1	Stainless Steel Coupler 1" Ground Rod	EA	0.80



Ground Rod Drive Studs (GC-GROD-07)

Steel high strength stud for driving threaded or sectional ground rods. Screw stud into coupler for driving.

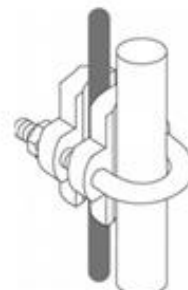
Item #	Description	Unit	Wt (lb)
3060-12	Heavy Duty Steel 1/2" Drive Stud	EA	0.10
3060-58	Heavy Duty Steel 5/8" Drive Stud	EA	0.20
3060-34	Heavy Duty Steel 3/4" Drive Stud	EA	0.30
3060-1	Heavy Duty Steel 1" Drive Stud	EA	1.00



Ground Rod Clamp - U-Bolt Parallel (GC-GRCLMP-01)

A cast U-bolt parallel clamp for connecting one or two cables or rods. U-bolt and hardware are stainless steel.

Item #	Description	Unit	Wt (lb)
1310	Bronze U-Bolt Parallel Ground Rod Clamp - Fits 1/4" to 7/8" Maximum Diameter Ground Rod with 1 or 2 Grounding Conductor Range #6 Solid thru 4/0 Stranded	EA	0.50
A1310	Aluminum U-Bolt Ground Rod Clamp - Fits 1/4" to 7/8" Maximum Diameter Ground Rod with 1 or 2 Conductors.162 to .562 Maximum Diameter	EA	0.20

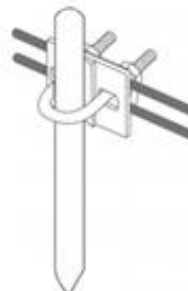
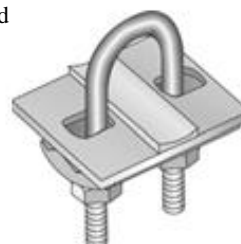


Typical application

Ground Rod Clamp - U-Bolt Flat Back (GC-GRCLMP-02)

A cast bronze ground rod clamp with stainless steel U-bolt clamp provides 1-1/2" of rod contact and accepts up to two conductors.

Item #	Description	Unit	Wt (lb)
3020	Bronze U-Bolt Flat Back Ground Rod Clamp - Rod Sizes 3/8" to 3/4" - Fits Conductor Sizes .292 to .529	EA	0.70
3020-1	Bronze U-Bolt Ground Rod Clamp - Rod Sizes 3/8" to 1" - Fits Conductor Sizes .292 to .529	EA	0.70



Typical application

Ground Rod Clamp - Superior (GC-GRCLMP-03)

A multi-purpose cast bronze ground rod clamp with stainless steel hardware.

Item #	Description	Unit	Wt (lb)
3030	Bronze Superior Ground Rod Clamp - Rod Sizes 3/8" to 1" - Fits Conductor Sizes .292 to .528	EA	0.60
3030-1	Bronze Superior Ground Rod Clamp - Rod Sizes 1/2" to 1-1/2" - Fits Conductor Sizes .500 to 1.000	EA	2.10

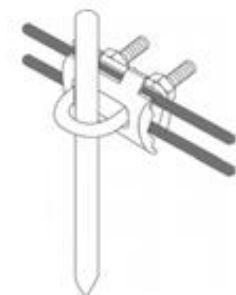


Typical application

Ground Rod Clamp - U-Bolt (GC-GRCLMP-04)

A cast bronze clamp with stainless steel U-bolt and hardware. Provides for connection of two conductors.

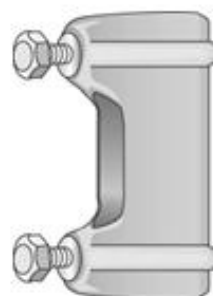
Item #	Description	Unit	Wt (lb)
3021	Bronze U-Bolt Ground Rod Clamp - Rod Sizes 3/8" to 3/4" - Fits Conductor Sizes .292 to .528	EA	0.60



Typical application

Ground Rod Clamp - Superior Two Bolt 3/4" *(GC-GRCLMP-05)* A very large, heavy duty 3-7/8" long cast bronze two bolt ground rod clamp for 3/4" ground rods. Two stainless steel bolts included.

Item #	Description	Unit	Wt (lb)
3015	Bronze Superior 3/4" Ground Rod Clamp - Rod Size 3/4" - Maximum Conductor Size .528	EA	0.60



Typical application

Ground Rod Clamp - Heavy Duty One Bolt *(GC-GRCLMP-06)*

A cast bronze one bolt ground rod clamp with stainless steel bolt.

Item #	Description	Unit	Wt (lb)
3005	Heavy Duty Bronze One Bolt 5/8" Ground Rod Clamp to 4/0	EA	0.20
3006	Heavy Duty Bronze One Bolt 3/4" Ground Rod Clamp to 4/0	EA	0.30



Typical application

Ground Rod Clamp - One Bolt *(GC-GRCLMP-07)*

Cast bronze ground rod clamp with brass bolt.

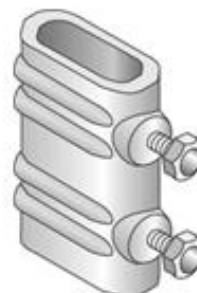
Item #	Description	Unit	Wt (lb)
3007	Bronze One Bolt 1/2" Ground Rod Clamp to #2 Stranded	EA	0.10
3008	Bronze One Bolt 5/8" Ground Rod Clamp to 1/0	EA	0.10
3009	Bronze One Bolt 3/4" Ground Rod Clamp to 1/0	EA	0.10



Typical application

Ground Rod Clamp - Heavy Duty Two Bolt *(GC-GRCLMP-08)* A heavy duty ground rod clamp. Provides enough contact between rod and conductor to be used for lightning protection. Two stainless steel bolts included.

Item #	Description	Unit	Wt (lb)
3010	Bronze Heavy Duty Ground Rod Clamp - Rod Size 1/2" - Maximum Conductor Size .528	EA	0.30
3012	Bronze Heavy Duty Ground Rod Clamp - Rod Size 5/8" - Maximum Conductor Size .528	EA	0.50
3014	Bronze Heavy Duty Ground Rod Clamp - Rod Size 5/8" to 3/4" - Maximum Conductor Size .528	EA	0.50

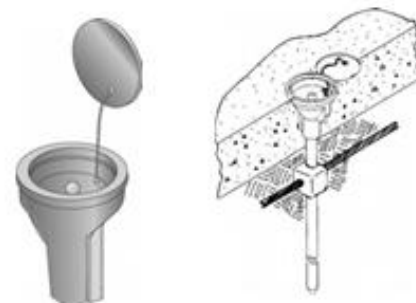


Typical application

Ground Receptacles without Clamp (GC-FGR-01-01)

ALT's floor ground receptacles are cast bronze with brass ball type ground stud. Receptacles may be ordered thread or with a set screw for attachment to ground rods.

Item #	Description	Unit	Wt (lb)
3602	Bronze Ground Receptacle 1/2" with Set Screw	EA	1.70
3605	Bronze Ground Receptacle 5/8" with Set Screw	EA	1.70
3607	Bronze Ground Receptacle 3/4" with Set Screw	EA	1.70
3612	Bronze Ground Receptacle Threaded for 1/2" Ground Rod	EA	1.70
3615	Bronze Ground Receptacle Threaded for 5/8" Ground Rod	EA	1.70
3617	Bronze Ground Receptacle Threaded for 3/4" Ground Rod	EA	1.70

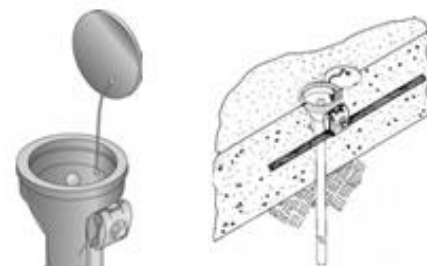


Typical application

Ground Receptacles with Clamp (GC-FGR-01-02)

ALT's floor ground receptacles are cast bronze with brass ball type ground stud. Receptacles may be ordered thread or with a set screw for attachment to ground rods. Two different types of clamp are available: A standard clamp suitable for connection to wire mesh or horizontal cables up to #4, and a heavy duty clamp for connection to larger horizontal cables up to 4/0.

Item #	Description	Unit	Wt (lb)
3622	Bronze Ground Receptacle with Clamp and Set Screw for 1/2" Ground Rod	EA	1.90
3625	Bronze Ground Receptacle with Clamp and Set Screw for 5/8" Ground Rod	EA	1.90
3627	Bronze Ground Receptacle with Clamp and Set Screw for 3/4" Ground Rod	EA	1.90
3632	Bronze Ground Receptacle Clamp and Threaded for 1/2" Ground Rod	EA	1.90
3635	Bronze Ground Receptacle with Clamp and Threaded for 5/8" Ground Rod	EA	1.90
3637	Bronze Ground Receptacle with Clamp and Threaded for 3/4" Ground Rod	EA	1.90
3645	Bronze Ground Receptacle with Heavy Duty Clamp and Set Screw for 5/8" Ground Rod	EA	2.00
3647	Bronze Ground Receptacle with Heavy Duty Clamp and Set Screw for 3/4" Ground Rod	EA	2.00
3655	Bronze Ground Receptacle with Heavy Duty Clamp and Threaded for 5/8" Ground Rod	EA	2.00
3657	Bronze Ground Receptacle with Heavy Duty Clamp Threaded for 3/4" Ground Rod	EA	2.00



Typical application

Ball Studs (GC-FGR-02)

Brass ball stud is used in floor ground receptacles and ground bars. The stud has a 5/8" diameter ball and threaded stud.

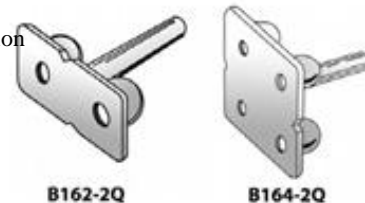
Item #	Description	Unit	Wt (lb)
3699-58-1234	Brass Ball Stud, Ball Diameter Is 5/8", Stud Is 1/2-13 x 3/4"	EA	0.10
3699-58-381	Brass Ball Stud, Ball Diameter Is 5/8", Stud Is 3/8-16 x 1"	EA	0.10



Ground Plates - Flush Floor (GC-FGR-03)

Cast bronze flush mount ground plate. Accepts 1-3/4" NEMA lugs. Requires 4/0 Exothermic Mold for connection to cast stud.

Item #	Description	Unit	Wt (lb)
B162-2Q	2 Hole Ground Plate with 4/0 and 1 3/4" Spacing (38-4051-00)	EA	0.72
B164-2Q	4 Hole Ground Plate with (4) 1/2" Tapped Holes on 1 3/4" Spacing and 4/0 Stud	EA	1.42

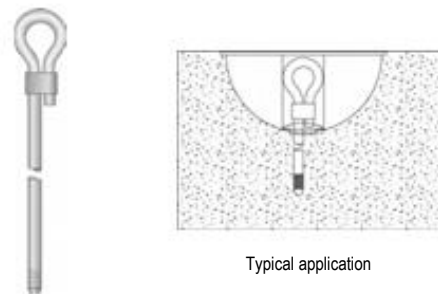


B162-2Q

B164-2Q

Aircraft Tie Down - Copper Clad (GC-ATDA-01)

Item #	Description	Unit	Wt (lb)
3757	Threaded Tie Down Rod 3/4" x 10' Copper Clad	EA	13.50

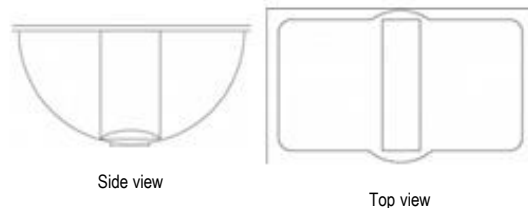


Typical application

Depression Mold (GC-ATDA-02)

Plastic depression mold for aircraft tie down rods.

Item #	Description	Unit	Wt (lb)
3799	3/4" Plastic Depression Plates	EA	1.45



Ground Reel for Static Discharge (GC-SDGR)

A spring operated, automatic retrieve reel with stranded steel aircraft cable and 100 ampere ground clamp and rubber cable stop. Used to provide a path for static discharge on aircraft fueling trucks and other moving objects.

Item #	Description	Unit	Wt (lb)
3397	Static Discharge Grounding Reel with 50 Ft Long Cable	EA	50.00



Ground Plates with Bronze Connectors (GC-GPLT-01)

A copper ground plate manufactured from either 10 or 20 gauge copper. Plate has either one or two bronze connectors. Each connector will accept one or two conductors parallel or perpendicular to the plate. Excellent for ground termination where ground rods are impractical or do not provide the low resistance desired. Note: 10 gauge plates are acceptable to meet N.E.C.'s Section 250 - 52.3.d ground requirements.

Item #	Description	Unit	Wt (lb)
3219	1' x 2' 20 Gauge Copper Ground Plate with 1 Standard Bronze Connector	EA	3.30
3220	1' x 2' 20 Gauge Copper Ground Plate with 2 Standard Bronze Connectors	EA	3.70
3229	18" x 18" 20 Ga Copper Ground Plate with 1 Standard Bronze Connector	EA	3.80
3230	18" x 18" 20 Ga Copper Ground Plate with 2 Standard Bronze Connectors	EA	4.20
3235	36" x 36" 20 Ga Copper Ground Plate with 2 Standard Bronze Connectors	EA	14.20
3239	1' x 2' Heavy Duty 10 Ga Copper Ground Plate with 1 Standard Bronze Connector	EA	9.10
3240	1' x 2' Heavy Duty 10 Ga Copper Ground Plate with 2 Standard Bronze Connectors	EA	9.50
3249	18" x 18" Heavy Duty 10 Ga Copper Ground Plate with 1 Standard Bronze Connector	EA	13.80
3250	18" x 18" Heavy Duty 10 Ga Copper Ground Plate with 2 Standard Bronze Connector	EA	14.60



Illustrates the 3219, 3229, 3239, 3249



Illustrates the 3220, 3230, 3240, 3250

Ground Plates with Heavy Duty Connectors (GC-GPLT-02)

A copper ground plate manufactured from either 10 or 20 gauge copper. Plate has either one or two bronze eight square inch bonding plates for conductor connector. Each connector will accept one or two conductors parallel or perpendicular to the plate. Excellent for ground termination where ground rods are impractical or do not provide the low resistance desired. Note: 10 gauge plates are acceptable to meet N.E.C.'s Section 250 - 52.3.d ground requirements.

Item #	Description	Unit	Wt (lb)
3221	1' x 2' 20 Ga Copper Ground Plate with 1 Heavy Duty Bronze Connector	EA	3.50
3231	18" x 18" 20 Ga Copper Ground Plate with 1 Heavy Duty Bronze Connector	EA	3.90
3241	1' x 2' Heavy Duty 10 Ga Copper Ground Plate with 1 Heavy Duty Bronze Connector	EA	9.50
3251	18" x 18" Heavy Duty 10 Ga Copper Ground Plate with 1 Heavy Duty Bronze Connector	EA	10.80
3222	1' x 2' 20 Gauge Copper Ground Plate with 2 Heavy Duty Bronze Connectors	EA	4.20
3232	18" x 18" 20 Gauge Copper Ground Plate with 2 Heavy Duty Bronze Connectors	EA	4.50
3242	1' x 2' Heavy Duty 10 Ga Copper Ground Plate with 2 Heavy Duty Bronze Connectors	EA	10.10
3252	18" x 18" Heavy Duty 10 Ga Copper Ground Plate with 2 Heavy Duty Bronze Connectors	EA	11.60



Illustrates the 3221, 3231, 3241, 3251



Illustrates the 3222, 3232, 3242, 3252

Ground Plates without Connectors (GC-GPLT-03)

A ground plate manufactured from 20 gauge solid copper. Plate has no holes or bonding plate.

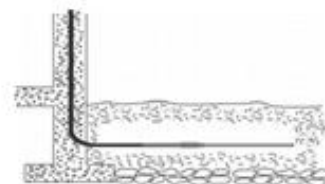
Item #	Description	Unit	Wt (lb)
3223	1' x 2' 20 Gauge Copper Ground Plate with No Holes and No Bonding Plate	EA	3.00
3235PO	3' x 3' 20 Gauge Copper Ground Plate with No Holes and No Bonding Plate	EA	13.30



Ground Plates with Exothermic Connection (GC-GPLT-04)

A copper ground plate manufactured from 10 or 20 gauge solid copper. Plate has an exothermically welded conductor tail. Excellent as a ground termination where ground rods are impractical or do not provide the low resistance desired. Note: 10 gauge plates are acceptable to meet N.E.C.'s Section 250 - 52.3.d ground requirements.

Item #	Description	Unit	Wt (lb)
3260	Copper 20 Ga Ground Plate 1' x 2' with 10' - 28/14 Welded Tail	EA	6.70
3262	Copper 20 Ga Ground Plate 1' x 2' with 10' 2 Solid Tinned Welded Tail	EA	5.00
3265	Copper 20 Ga Ground Plate 1' x 2' with 10' 1/0 Welded Tail	EA	6.20
3266	Copper 20 Ga Ground Plate 1' x 2' with 10' 2/0 Welded Tail	EA	7.00
3267	Copper 20 Ga Ground Plate 1' x 2' with 10' 4/0 Welded Tail	EA	9.50
3270	Copper 10 Ga Heavy Duty Ground Plate 1' x 2' with 10'-28/14 Welded Tail	EA	12.50
3272	Copper 10 Ga Heavy Duty Ground Plate 1' x 2' with 10'-2 Sol Tinned Welded Tail	EA	10.80
3275	Copper 10 Ga Heavy Duty Ground Plate 1' x 2' with 10'-1/0 Welded Tail	EA	12.00
3276	Copper 10 Ga Heavy Duty Ground Plate 1' x 2' with 10'-2/0 Welded Tail	EA	12.80
3277	Copper 10 Ga Heavy Duty Ground Plate 1' x 2' with 10'-4/0 Welded Tail	EA	15.90



Typical application

Ground Plates with Serrated Edges (GC-GPLT-05)

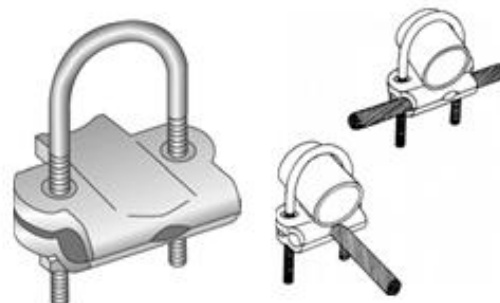
Item #	Description	Unit	Wt (lb)
3280	1/4" x 24" x 24" Copper Ground Plate with Serrated Edge on all Four Sides	EA	41.27
3280-40	1/4" x 24" x 24" Serrated Edge Copper Ground Plate with 10' tail of 4/0 Bare Conductor	EA	48.00
3280-3S	1/4" x 24" x 24" Copper Ground Plate with Serrated Edge on Three Sides Only	EA	42.54



U-Bolt Ground Clamp for 1/2" through 1-1/4" (GC-UBOLT-01)

A cast U-bolt connector with stainless steel hardware. May be used with conductor parallel or perpendicular.

Item #	Description	Unit	Wt (lb)
1331	Bronze U-Bolt Connector - Pipe Size 1/2" to 1-1/4" - 1 Round Object .375 to .500 Maximum Diameter	EA	0.60
1331T	Tinned Bronze U-Bolt Connector - Pipe Size 1/2" to 1-1/4" - 1 Round Object .375 to .500 Maximum Diameter	EA	0.60
A1331	Aluminum U-Bolt Connector - Pipe Size 1/2" to 1-1/4" - Fits Conductor Sizes .375 to .562	EA	0.30

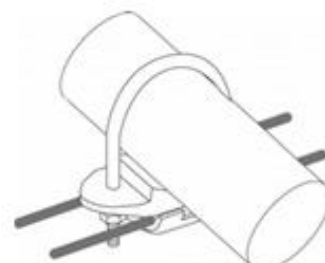


Typical application

U-Bolt Ground Clamp (GC-UBOLT-02)

A U-bolt cast ground clamp with stainless steel U-bolt and hardware. The conductor connector can accept one or two conductors.

Item #	Description	Unit	Wt (lb)
1372	Bronze U-Bolt Twin Connector Fits 1-1/4" to 2" Maximum Diameter with 2 Wires .292 to .528 Maximum Diameter	EA	0.80
1372T	Tinned Bronze U-Bolt Twin Connector Fits 1 1/4" to 2" Maximum Diameter with 2 Wires .292 to .528 Maximum Diameter	EA	0.50
1373	Bronze U-Bolt Twin Connector Fits 2" to 3" Maximum Diameter with 2 Wires .292 to .528 Maximum Diameter	EA	0.80
1373T	Tinned Bronze U-Bolt Twin Connector Fits 2" to 3" Maximum Diameter with 2 Wires .292 to .528 Maximum Diameter	EA	1.04
1374	Bronze U-Bolt Twin Connector Fits 3" to 4-1/2" Maximum Diameter with 2 Wires .292 to .528 Maximum Diameter	EA	1.70
1374T	Tinned Bronze U-Bolt Twin Connector Fits 3" to 4-1/2" Maximum Diameter with 2 Wires .292 to .528 Maximum Diameter	EA	1.54
1376	Bronze U-Bolt Twin Connector Fits 4" to 6-3/4" Maximum Diameter with 2 Wires .292 to .528 Maximum Diameter	EA	2.30
1376T	Tinned Bronze U-Bolt Twin Connector Fits 4" to 6-3/4" Maximum Diameter with 2 Wires .292 to .528 Maximum Diameter	EA	2.30
A1372	Aluminum U-Bolt Twin Connector Fits 1-1/4" to 2" Maximum Diameter Round Objects with 1 or 2 Wires .292 to .562 Maximum Diameter	EA	0.30
A1373	Aluminum U-Bolt Twin Connector Fits 2" to 3" Maximum Diameter Round Objects with 1 or 2 Wires .292 to .562 Maximum Diameter	EA	0.40
A1374	Aluminum U-Bolt Twin Connector Fits 3" to 4-1/2" Maximum Diameter Round Objects with 1 or 2 Wires .292 to .562 Maximum Diameter	EA	0.70

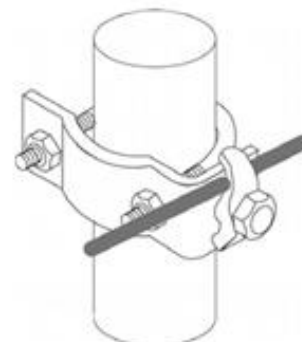


Typical application

U-Bolt Ground Clamp with One Connector (GC-UBOLT-03)

A round U-bolt ground clamp with stainless steel hardware. The conductor connector is bronze or aluminum and can be rotated to accommodate vertical or horizontal connections.

Item #	Description	Unit	Wt (lb)
1380-114-2	Stainless Steel Bronze U-Bolt Clamp Fits 1-1/4" to 2" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	0.30
1380-2-212	Stainless Steel Bronze U-Bolt Clamp Fits 2" to 2-1/2" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	0.40
1380-212-334	Stainless Steel Bronze U-Bolt Clamp Fits 2-1/2" to 3-3/4" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	0.50
1380-312-434	Stainless Steel Bronze U-Bolt Clamp Fits 3-1/2" to 4-3/4" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	0.60
1380-412-634	Stainless Steel Bronze U-Bolt Clamp Fits 4-1/2" to 6-3/4" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	0.80
A1380-114-2	Stainless Steel Aluminum U-Bolt Clamp Fits 1-1/4" to 2" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	N/A
A1380-2-212	Stainless Steel Aluminum U-Bolt Clamp Fits 2" to 2-1/2" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	N/A
A1380-212-334	Stainless Steel Aluminum U-Bolt Clamp Fits 2-1/2" to 3-3/4" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	N/A
A1380-312-434	Stainless Steel Aluminum U-Bolt Clamp Fits 3-1/2" to 4-3/4" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	N/A
A1380-412-634	Stainless Steel Aluminum U-Bolt Clamp Fits 4-1/2" to 6-3/4" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	N/A

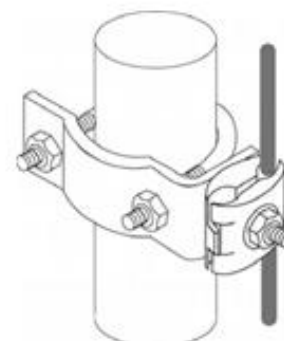


Typical application

U-Bolt Ground Clamp with Primary Clamp (GC-UBOLT-07)

A U-bolt ground clamp with stainless steel hardware. The heavy duty conductor connector is cast metal and can accept one or two conductors. It also may be rotated to accommodate vertical or horizontal connections.

Item #	Description	Unit	Wt (lb)
1390-114-2	Stainless Steel Bronze U-Bolt Clamp Fits 1-1/4" to 2" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	0.70
1390-2-212	Stainless Steel Bronze U-Bolt Clamp Fits 2" to 2-1/2" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	0.80
1390-212-334	Stainless Steel Bronze U-Bolt Clamp Fits 2-1/2" to 3-3/4" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	0.90
1390-312-434	Stainless Steel Bronze U-Bolt Clamp Fits 3-1/2" to 4-3/4" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	1.00
1390-412-634	Stainless Steel Bronze U-Bolt Clamp Fits 4-1/2" to 6-3/4" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	1.10
1390-634-834	Stainless Steel Bronze U-Bolt Clamp Fits 6-3/4" to 8-3/4" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	N/A
1390-834-1234	Stainless Steel Bronze U-Bolt Clamp Fits 8-3/4" to 12-3/4" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	N/A
A1390-114-2	Aluminum U-Bolt Twin Connector Fits 1-1/4" to 2" Maximum Diameter Round Objects with 1 or 2 Wires .292 to .562 Maximum Diameter	EA	0.50
A1390-2-212	Aluminum U-Bolt Twin Connector Fits 2" to 2-1/2" Maximum Diameter Round Objects with 1 or 2 Wires .292 to .562 Maximum Diameter	EA	0.50
A1390-212-334	Aluminum U-Bolt Twin Connector Fits 2-1/2" to 3-3/4" Maximum Diameter Round Objects with 1 or 2 Wires .292 to .562 Maximum Diameter	EA	0.60
A1390-312-434	Aluminum U-Bolt Twin Connector Fits 3-1/2" to 4-3/4" Maximum Diameter Round Objects with 1 or 2 Wires .292 to .562 Maximum Diameter	EA	0.70
A1390-412-634	Aluminum U-Bolt Twin Connector Fits 4-1/2" to 6-3/4" Maximum Diameter Round Objects with 1 or 2 Wires .292 to .562 Maximum Diameter	EA	0.90
1390T-114-2	Stainless Steel Tinned U-Bolt Clamp Fits 1-1/4" to 2" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	0.70
1390T-2-212	Stainless Steel Tinned U-Bolt Clamp Fits 2" to 2-1/2" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	0.80
1390T-212-334	Stainless Steel Tinned U-Bolt Clamp Fits 2-1/2" to 3-3/4" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	0.90
1390T-312-434	Stainless Steel Tinned U-Bolt Clamp Fits 3-1/2" to 4-3/4" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	1.00
1390T-412-634	Stainless Steel Tinned U-Bolt Clamp Fits 4-1/2" to 6-3/4" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	1.10

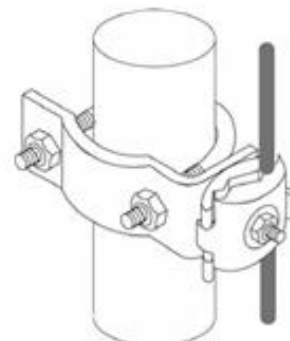


Vertical application

U-Bolt Ground Clamp with Secondary Clamp (GC-UBOLT-08)

A U-bolt ground clamp with stainless steel hardware. The conductor connector is cast metal and can accept one or two conductors. It also may be rotated to accommodate vertical or horizontal connections.

Item #	Description	Unit	Wt (lb)
1391-114-2	Stainless Steel Bronze U-Bolt Clamp Fits 1-1/4" to 2" Maximum Diameter with 1 or 2 Wires .162 to .528 Maximum Diameter	EA	0.60
1391-2-212	Stainless Steel Bronze U-Bolt Clamp Fits 2" to 2-1/2" Maximum Diameter with 1 or 2 Wires .162 to .528 Maximum Diameter	EA	0.60
1391-212-334	Stainless Steel Bronze U-Bolt Clamp Fits 2-1/2" to 3-3/4" Maximum Diameter with 1 or 2 Wires .162 to .528 Maximum Diameter	EA	0.70
1391-312-434	Stainless Steel Bronze U-Bolt Clamp Fits 3-1/2" to 4-3/4" Maximum Diameter with 1 or 2 Wires .162 to .528 Maximum Diameter	EA	0.80
1391-412-634	Stainless Steel Bronze U-Bolt Clamp Fits 4-1/2" to 6-3/4" Maximum Diameter with 1 or 2 Wires .162 to .528 Maximum Diameter	EA	1.00
A1391-114-2	Aluminum U-Bolt Twin Connector Fits 1-1/4" to 2" Maximum Diameter Round Objects with 1 or 2 Wires .162 to .562 Maximum Diameter	EA	0.50
A1391-2-212	Aluminum U-Bolt Twin Connector Fits 2" to 2-1/2" Maximum Diameter Round Objects with 1 or 2 Wires .162 to .562 Maximum Diameter	EA	0.50
A1391-212-334	Aluminum U-Bolt Twin Connector Fits 2-1/2" to 3-3/4" Maximum Diameter Round Objects with 1 or 2 Wires .162 to .562 Maximum Diameter	EA	0.60
A1391-312-434	Aluminum U-Bolt Twin Connector Fits 3-1/2" to 4-3/4" Maximum Diameter Round Objects with 1 or 2 Wires .162 to .562 Maximum Diameter	EA	0.70
A1391-412-634	Aluminum U-Bolt Twin Connector Fits 4-1/2" to 6-3/4" Maximum Diameter Round Objects with 1 or 2 Wires .162 to .562 Maximum Diameter	EA	0.90

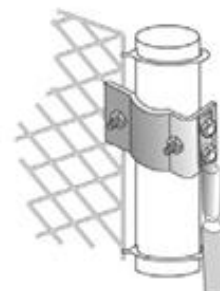
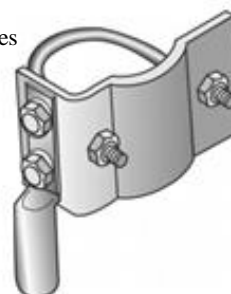


Vertical application

U-Bolt Ground Clamp for Fence Post (GC-UBOLT-09)

A stainless steel fence post grounding bracket with stainless steel hardware. The bracket includes a #2 solid tinned two hole long barrel compression lug with a white color code.

Item #	Description	Unit	Wt (lb)
1397	2" Wide Stainless Steel U-Bolt Clamp with #2 Solid Compression Lug - Fits 3/4" to 1-1/4" Diameter Pipe	EA	0.80
1397-1	2" Wide Stainless Steel U-Bolt Clamp with #2 Solid Compression Lug - Fits 1-1/4" to 2" Diameter Pipe	EA	1.00
1397-2	2" Wide Stainless Steel U-Bolt Clamp with #2 Solid Compression Lug - Fits 2" to 2-1/2" Diameter Pipe	EA	1.10
1397-3	2" Wide Stainless Steel U-Bolt Clamp with #2 Solid Compression Lug - Fits 2-1/2" to 3-3/4" Diameter Pipe	EA	1.20
1397-4	2" Wide Stainless Steel U-Bolt Clamp with #2 Solid Compression Lug - Fits 3-1/2" to 4-3/4" Diameter Pipe	EA	1.50
1397-5	2" Wide Stainless Steel U-Bolt Clamp with #2 Solid Compression Lug - Fits 4-3/4" to 6-3/4" Diameter Pipe	EA	1.70

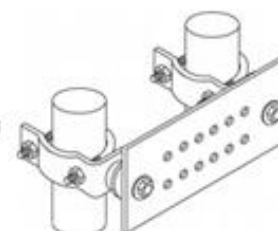


Typical application

U-Bolt Ground Clamp with Insulator (GC-UBOLT-10)

An insulating ground clamp with stainless steel hardware. The insulator fitting is designed to allow for mounting of ground bars to round objects where insulating the conductor or ground bar is necessary.

Item #	Description	Unit	Wt (lb)
1392-34-114	Stainless Steel U-Bolt Clamp Fits 3/4" to 1-1/4" Maximum Diameter with One 1-3/4" x 1-3/4" Red Poly Insulator	EA	0.50
1392-114-2	Stainless Steel U-Bolt Clamp Fits 1-1/4" to 2" Maximum Diameter with One 1-3/4" x 1-3/4" Red Poly Insulator	EA	0.50
1392-2-212	Stainless Steel U-Bolt Clamp Fits 2" to 2-1/2" Maximum Diameter with One 1-3/4" x 1-3/4" Red Poly Insulator	EA	0.60
1392-212-334	Stainless Steel U-Bolt Clamp Fits 2-1/2" to 3-3/4" Maximum Diameter with One 1-3/4" x 1-3/4" Red Poly Insulator	EA	0.70
1392-312-434	Stainless Steel U-Bolt Clamp Fits 3-1/2" to 4-3/4" Maximum Diameter with One 1-3/4" x 1-3/4" Red Poly Insulator	EA	0.90
1392-412-634	Stainless Steel U-Bolt Clamp Fits 4-1/2" to 6-3/4" Maximum Diameter with One 1-3/4" x 1-3/4" Red Poly Insulator	EA	1.00



Typical application

Pedestal Ground Clamp - Economy (GC-PED-01)

Item #	Description	Unit	Wt (lb)
1360	Raised Floor Pedestal Wire Clamp - Fits Both Round and Square Pedestals up to 1" OD and Wire Sizes up to #2 Stranded	EA	0.06



Pedestal Ground Clamp - Standard Connector (GC-PED-02)

Item #	Description	Unit	Wt (lb)
1391-34-114	Stainless/Bronze U-Bolt Clamp Fits 3/4" to 1-1/4" Maximum Diameter with 1 or 2 Wires .162 to .528 Maximum Diameter	EA	0.50
A1391-34-114	Aluminum U-Bolt Twin Connector Fits 3/4" to 1-1/4" Maximum Diameter Round Objects with 1 or 2 Wires .162 to .562 Maximum Diameter	EA	0.30



Pedestal Ground Clamp - Heavy Duty Connector (GC-PED-03)

Item #	Description	Unit	Wt (lb)
1390-34-114	Stainless/Bronze U-Bolt Clamp Fits 3/4" to 1-1/4" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	0.60
A1390-34-114	Aluminum U-Bolt Clamp Fits 3/4" to 1-1/4" Maximum Diameter Round Objects with 1 or 2 Wires .292 to .562 Maximum Diameter	EA	0.40
1390T-34-114	Stainless / Tinned U-Bolt Clamp Fits 3/4" to 1-1/4" Maximum Diameter with 1 or 2 Wires .292 to .528 Maximum Diameter	EA	0.60



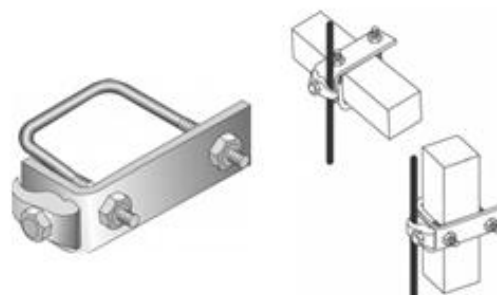
Pedestal Ground Clamp - Clip Connector (GC-PED-04)

Item #	Description	Unit	Wt (lb)
1380-34-114	Stainless Steel Bronze U-Bolt Clamp Fits 3/4" to 1-1/4" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	0.30
A1380-34-114	Stainless Steel Aluminum U-Bolt Clamp Fits 3/4" to 1-1/4" Maximum Diameter with 1 Wire .162 to .500 Maximum Diameter	EA	N/A



Pedestal Ground Clamp - Square Pedestals (GC-UBOLT-03a) A square U-bolt ground clamp with stainless steel hardware. The conductor connector is bronze and can be rotated to accommodate vertical or horizontal connections. Specifically configured for a computer floor pedestal ground clamp.

Item #	Description	Unit	Wt (lb)
1361	Stainless/Bronze Square U-Bolt Pedestal Clamp Fits 3/4" to 1-1/4" Square Pedestal and Wire Minimum Diameter .162 Thru Maximum Diameter of .500	EA	0.20



Typical application

Pedestal Ground Clamp - Two Clip Connectors (GC-UBOLT-04)

A U-bolt ground clamp with stainless steel hardware. The conductor connectors are cast bronze and can be rotated to accommodate vertical or horizontal connections. Specifically configured for computer floor pedestal.

Item #	Description	Unit	Wt (lb)
1364	Stainless / Bronze Round U-Bolt Pedestal Clamp Fits 3/4" to 1-1/4" Diameter Pedestal and 2 Wires Minimum Diameter .162 Thru Maximum Diameter of .500	EA	0.30



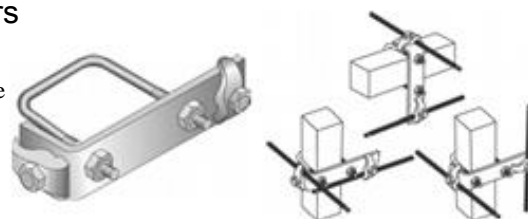
Typical application

Pedestal Ground Clamp - Square Pedestal - Two Clip Connectors

(GC-UBOLT-04a)

A U-bolt ground clamp with stainless steel hardware. The conductor connectors are cast bronze and can be rotated to accommodate vertical or horizontal connections. Specifically configured for computer floor pedestal.

Item #	Description	Unit	Wt (lb)
1363	Stainless/Bronze Square U-Bolt Pedestal Clamp Fits 3/4" to 1-1/4" Diameter Pedestal and 2 Wires Minimum Diameter .162 Thru Maximum Diameter of .500	EA	0.30

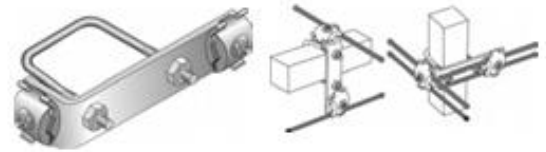


Typical application

Pedestal Ground Clamp - Square Pedestal - Two Standard Connectors (GC-UBOLT-05)

A U-bolt ground clamp with stainless steel hardware. The conductor connectors are cast metal and can accept up to four conductors. They also can be rotated to allow for vertical or horizontal mounting.

Item #	Description	Unit	Wt (lb)
1393-34-114	Bronze / Stainless Square U-Bolt Ground Clamp Fits 3/4" to 1-1/4" Maximum Diameter with 2 to 4 Wires .162 to .528 Maximum Diameter	EA	0.70
A1393-34-114	Aluminum U-Bolt Twin Connector Fits 3/4" to 1-1/4" Maximum Diameter Round Objects with 2 to 4 Wires .162 to .562 Maximum Diameter	EA	0.50

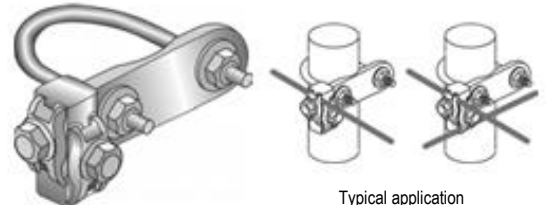


Typical application

Pedestal Ground Clamp - Cast Heavy Duty Bronze (GC-UBOLT-06)

A cast heavy duty bronze ground clamp with stainless steel hardware. Excellent for ground computer floor pedestals.

Item #	Description	Unit	Wt (lb)
1366	Bronze Ground Clamp with Round Stainless Steel U-Bolt Fits 3/4" to 1-1/4" Round Objects and #12 Solid Thru #4/0 Stranded	EA	1.10

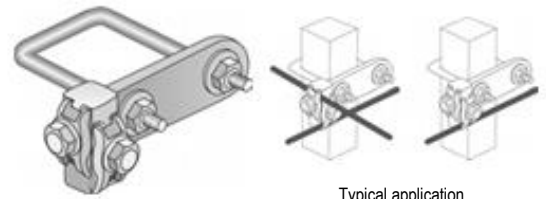


Typical application

Pedestal Ground Clamp - Square Pedestal - Cast Heavy Duty Bronze (GC-UBOLT-06a)

A cast heavy duty bronze ground clamp with stainless steel hardware. Excellent for ground computer floor pedestals.

Item #	Description	Unit	Wt (lb)
1367	Bronze Ground Clamp with Square Stainless Steel U-Bolt Fits 1-1/4" Max Square Objects and #12 Solid Thru #4/0 Stranded	EA	1.10



Typical application

Exothermic Molds - Type GL (GC-EXO-MOLD-GL)

Exothermic molds are available in both Cadweld and Thermoweld.

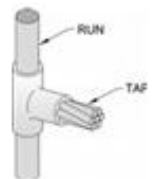
Item #	Description	Unit	Wt (lb)
GLC-CE1G	#6 Solid to 1/8" x 1" Copper Lug Cadweld Mold Uses WM-32 Shot and L-160 Handles (NA)	EA	5.00
GLC-CE1T	#2 Solid to 1/8" x 1" Copper Lug Cadweld Mold Uses WM-32 Shot and L-160 Handles (M-2036-S)	EA	5.00
GLC-CE1V	#2 Stranded to 1/8" x 1" Copper Lug Cadweld Mold Uses WM-32 Shot and L-160 Handles (M-2036)	EA	5.00
GLC-CE2G	2/0 Stranded to 1/8" x 1" Copper Lug Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-2039)	EA	5.00
GLC-DE2Q	4/0 Stranded to 3/16" x 1" Copper Lug Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-2041)	EA	5.00
GLP-CC00-1TC	#6 Stranded to #2 Telecom Lug Cadweld Mold, Handles Included Uses WM-25 Shot (N/A)	EA	3.00
XLGLP-CC00-1TC	Smokeless #6 Stranded to B921 & B922 Telecom Lugs Includes Handle, Uses XL25 Shot (N/A)	EA	3.00



Exothermic Molds - Type GM (GC-EXO-MOLD-GM)

Exothermic molds are available in both Cadweld and Thermoweld.

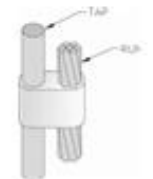
Item #	Description	Unit	Wt (lb)
GMR-181T	#2 Solid to 3/4" Copper Clad Ground Rod "Tee" Connection to Side of Ground Rod Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-2534-S)	EA	6.00



Exothermic Molds - Type GP (GC-EXO-MOLD-GP)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
GPR-181H	Mold #6 Stranded Parallel thru Side of 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-6669)	EA	6.00
GPR-181T	#2 Solid Parallel thru Side of 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-6593-S)	EA	6.00
GPR-182C	1/0 Stranded Parallel thru Side of 3/4" Stainless Steel or Solid Copper Ground Rod Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-7287)	EA	6.00
GPR-182Q	4/0 Stranded Parallel thru Side of 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-5784)	EA	6.00
GPR-331L	#4 Stranded Parallel thru Side of 3/4" Stainless Steel or Solid Copper Ground Rod Cadweld Mold Uses WM-200 Shot and L-160 Handles (N/A)	EA	6.00
GPR-331V	#2 Stranded Parallel thru Side of 3/4" Stainless Steel or Solid Copper Ground Rod Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-6593N)	EA	6.00
GPR-332Q	4/0 Stranded Parallel thru Side of 3/4" Stainless Steel or Solid Copper Ground Rod Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-5784-N)	EA	6.00



Exothermic Molds - Type GR (GC-EXO-MOLD-GR)

Exothermic molds are available in both Cadweld and Thermoweld.

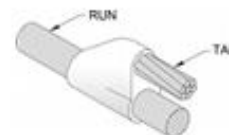
Item #	Description	Unit	Wt (lb)
GRC-161T	#2 Solid Dead End to Top of 5/8" Copper Clad Ground Rod Cadweld Mold. Uses WM-65 Shot and L-160 Handle (M-503-S)	EA	5.00
GRC-162G	2/0 Stranded Dead End to Top of 5/8" Copper Clad Ground Rod Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-506)	EA	5.00
GRC-162Q	4/0 Stranded Dead End to Top of 5/8" Copper Clad Ground Rod Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-508)	EA	5.00
GRC-163A	300 MCM Stranded Dead End To Top of 5/8" Ground Rod Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-510)	EA	5.00
GRC-168C	29/32 Lightning Conductor Dead End To 5/8 Copper Clad Ground Rod Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5073))	EA	5.00
GRC-181T	#2 Solid Dead End To 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5781-S)	EA	5.00
GRC-181V	#2 Stranded Dead End To 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5781)	EA	5.00
GRC-188C	#129/132 Lightning Protection Conductor Dead End To 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-115 Shot and L-160 EA	EA	5.00
	Handles (M-5085)		
GRC-331T	#2 Solid Dead End To 3/4" Stainless Steel or Solid Copper Ground Rod Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5781-NS)	EA	5.00
GRT-181H	#6 Stranded Dead End to 3/4" Copper Clad Ground Rod Cadweld Mold ,Handles Included Uses WM-32 Shot (M-8422)	EA	3.00
GRT-331G	#6 Solid Dead End to 3/4" Copper Clad Ground Rod Cadweld Mold ,Handles Included Uses WM-32 Shot (M-8422-NS)	EA	3.00
GRT-331H	#6 Stranded to 3/4" Stainless Steel or Solid Copper Ground Rod Cadweld Mold ,Handles Included Uses WM-32 Shot (M-8422-N)	EA	3.00



Exothermic Molds - Type GS (GC-EXO-MOLD-GS)

Exothermic molds are available in both Cadweld and Thermoweld.

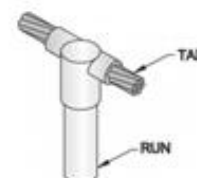
Item #	Description	Unit	Wt (lb)
GSC-024	2/0 Stranded Horizontal Parallel Tap to 5/8" Solid Copper Rod Cadweld Mold Uses WM-150 Shot and L-160 Handles (N/A)	EA	5.00
GSC-2Q003	4/0 Stranded Horizontal Parallel Tap to 5/8" Solid Copper Rod Cadweld Mold, Uses WM-200 Shot and L-160 Handles (N/A)	EA	5.00
GSC-8C001	#29 Lightning Conductor Horizontal Parallel Tap to 3/8" Solid Copper Rod Cadweld Mold Uses WM-90 Shot and L-160 Handles (N/A)EA	EA	3.00



Exothermic Molds - Type GT (GC-EXO-MOLD-GT)

Exothermic molds are available in both Cadweld and Thermoweld.

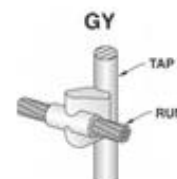
Item #	Description	Unit	Wt (lb)
GTC-142G	1/2" Ground Rod to #4 Stranded Thru Top Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-540)	EA	5.00
GTC-161L	5/8" Ground Rod to #4 Stranded Thru Top Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5915)	EA	5.00
GTC-161T	5/8" Ground Rod to #2 Solid Thru Top Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-545-S)	EA	5.00
GTC-161V	5/8" Ground Rod to #2 Stranded Thru Top Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-545)	EA	5.00
GTC-162C	5/8" Ground Rod to 1/0 Stranded Thru Top Cadweld Mold Uses WM-90 and L-160 Handles (M-547)	EA	5.00
GTC-162G	5/8" Ground Rod to 2/0 Stranded Thru Top Cadweld Mold Uses WM-115 and L-160 Handles (M-548)	EA	5.00
GTC-162L	5/8" Ground Rod to 3/0 Stranded Thru Top Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-549)	EA	5.00
GTC-162Q	5/8" Ground Rod to 4/0 Stranded Thru Top Cadweld Mold Use WM-115 Shot and L-160 Handles (M-550)	EA	5.00
GTC-168C	5/8" Ground Rod to 29/32 Lightning Conductor Thru Top Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-5099)	EA	5.00
GTC-168D	5/8" Ground Rod to 28/505 Lightning Conductor Thru Top Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-5095)	EA	5.00
GTC-181D	3/4" Ground Rod to #8 Solid Thru Top Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-6438-S)	EA	5.00
GTC-181T	3/4" Ground Rod to #2 Solid Thru Top Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-556-S)	EA	5.00
GTC-181V	3/4" Ground Rod to #2 Stranded Thru Top Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-556)	EA	5.00
GTC-182C	3/4" Ground Rod to 1/0 Stranded Thru Top Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-558)	EA	5.00
GTC-182G	3/4" Ground Rod to 2/0 Stranded Thru Top Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-559)	EA	5.00
GTC-182L	3/0 Stranded Through 3/4" Copper Clad Ground Rod Thru Top Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-560)	EA	5.00
GTC-182Q	3/4" Ground Rod to 4/0 Stranded Thru Top Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-561)	EA	5.00
GTC-182V	3/4" Ground Rod to 250 MCM Stranded Thru Top of Ground Rod Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-562)	EA	5.00
GTC-183D	3/4" Ground Rod to 350 MCM Thru Top Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-564)	EA	5.00
GTC-183Q	3/4" Ground Rod to 500 MCM Thru Top Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-566)	EA	5.00
GTC-188C	3/4" Ground Rod to 29/32 Lightning Conductor Thru Top Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-5105)	EA	5.00
GTC-188D	3/4" Ground Rod to 28/505 Lightning Conductor Thru Top Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-5102)	EA	5.00
GTC-311T	#2 Solid to Full 5/8" Ground Rod Thru Top Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-545-NS)	EA	5.00
GTC-312C	1/0 Stranded to 5/8" Stainless Steel Ground Rod Thru Top Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-547-N)	EA	5.00
GTC-312G	2/0 Stranded to Full 5/8" Ground Rod Thru Top Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-548-N)	EA	5.00
GTC-312Q	Full 5/8" Ground Rod to 4/0 Stranded Thru Top Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-550-N)	EA	5.00
GTC-332G	Full 3/4" Ground Rod to 2/0 Stranded Thru Top of Ground Rod Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-559-N)	EA	5.00
GTC-332Q	Full 3/4" Ground Rod to 4/0 Stranded Thru Top Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-561-N)	EA	5.00
GTP 181G	# 6 Solid to 3/4" Copper Clad Ground Rod. Feed through attachment to top of Ground Rod Cadweld Mold Uses B-399B Handle and WM-45 Shot (M-8452-S)	EA	3.00
GTP-181K	#4 Solid to 3/4" Copper Clad Ground Rod. Feed through attachment to top of Ground Rod Cadweld Mold Uses B-399B Handle and WM-65 Shot (M-8454-S)	EA	3.00
GTP-181L	#4 Stranded to 3/4" Copper Clad Ground Rod. Feed through attachment to top of Ground Rod Cadweld Mold Uses B-399B Handle and WM-65 Shot (M-8454)	EA	3.00
GTP-331H	#6 Stranded to 3/4" Stainless Steel or Solid Copper Ground Rod. Feed through attachment to top of Ground Rod Cadweld Mold Uses B-399B Handle and WM-45 Shot (M-8452-N)	EA	3.00
GTT-161G	#6 Solid thru top 5/8" Copper Clad Ground Rod Mold includes handle. Uses WM-32 Shot (M-8441-S)	EA	3.00



Exothermic Molds - Type GY (GC-EXO-MOLD-GY)

Exothermic molds are available in both Cadweld and Thermoweld.

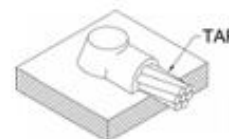
Item #	Description	Unit	Wt (lb)
GYE-161K	#4 Solid to Side of 5/8" Copper Clad Ground Rod Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5729-S)	EA	3.00
GYE-161T	#2 Solid to Side of 5/8" Copper Clad Ground Rod Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5730-S)	EA	3.00
GYE-162G	2/0 Stranded to Side of 5/8" Copper Clad Ground Rod Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-1587)	EA	7.00
GYE-162Q	4/0 Stranded to Side of 5/8" Copper Clad Ground Rod Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-1588)	EA	7.00
GYE-168C	29/17 and 32/17 Lightning Protection Conductor to Side of 5/8" Copper Clad Ground Rod Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-5118)	EA	7.00
GYE-181T	#2 Solid to Side of 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5847-S)	EA	3.00
GYE-182C	1/0 Stranded to Side of 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-1594)	EA	7.00
GYE-182G	2/0 Stranded to Side of 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-1595)	EA	7.00
GYE-182L	3/0 Stranded to Side of 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-6608)	EA	7.00
GYE-182Q	4/0 Stranded to Side of 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-1596)	EA	7.00
GYE-182V	250MCM Solid to Side of 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-1597)	EA	7.00
GYP-18010M	#4 Solid or Stranded Thru Side of 3/4" Ground Rod Mold Only Use WM-65 Shot and B399ES Handle (M-5845)	EA	3.00
GYP-18009M	#2 Solid or Stranded Thru Side of 3/4" Ground Rod Mold Only Use WM-65 Shot and B399ES Handle (M-5847)	EA	3.00
GYP-16006M	#2 Solid or Stranded Thru Side of 5/8" Ground Rod Mold Only Use WM-65 Shot and B399ES Handle (M-5730)	EA	3.00



Exothermic Molds - Type HA (GC-EXO-MOLD-HA)

Exothermic molds are available in both Cadweld and Thermoweld.

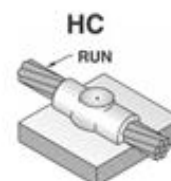
Item #	Description	Unit	Wt (lb)
HAA-8A	#14 Stranded Dead End to Flat Steel Cadweld Mold, Handle Included, Uses WM-65 Shot (M-5127)	EA	3.00
HAA-1V	#2 Stranded Dead End to Flat Steel Cadweld Mold, Handle Included, Uses WM-45 Shot (M-0630)	EA	3.00
HAA-1T	#2 Solid (Cable on Surface) Dead End to Flat Steel Dead End Cadweld Mold, Handle and Flint Gun Included, Uses WM-45 Shot (M-630)	EA	3.00
HAC-8D	28R/505 Lightning Conductor Dead End to Flat Steel Surface Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5128)	EA	5.00
HAD-4L	750 MCM Dead End to Flat Steel Surface Cadweld Mold Uses 2 x WM-150 Shots and L-159 Handles (M-2542)	EA	8.00
HAA-1L-162C	#4 Stranded (Cable on Surface) Dead End to 1-1/4" - 2" Horizontal Pipe Cadweld Mold, Handles Included, Uses WM-45 Shot (M-8016)	EA	3.00
HAA-1V-162C	#2 Stranded (Cable on Surface) Dead End to 1-1/4" - 2" Horizontal Pipe Cadweld Mold, Handle Included Uses WM-45 Shot (M-6016)	EA	3.00
HAH-2Q-8C	4/0 Stranded (Cable on Surface) Dead End to To 6" Horizontal Steel Pipe Cadweld Mold, Handles Included, Uses WM-115 Shot (M-9237)	EA	7.60
HAC-1H013	#6 Stranded Dead End to 2" x 26 Gauge Strip Cadweld Mold, Uses L-160 Handles and WM-25 Shot (M-2763)	EA	5.00
HAC-1L020	#4 Stranded Dead End to 2" x 26 Gauge Strip Cadweld Mold, Uses L-160 Handles and WM-32 Shot (M-6253)	EA	5.00
XLHAC1H013	Smokeless #6 Stranded to 2" x 26 Gauge Strip Cadweld Mold with Baffle, Uses XLL-160 Handles and XL-25 Shot (LE-2673)	EA	2.92



Exothermic Molds - Type HC (GC-EXO-MOLD-HC)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
HCA-1H	#6 Stranded or Solid (#6 Solid Requires (2) B112 Sleeves) - Cable on Surface, through Horizontal Steel Cadweld Mold. Uses WM-45 Shot EA Includes Frame and Handle (M-602)	EA	3.00
HCA-1L	#4 Stranded (Cable on Surface) through Horizontal Steel Cadweld Mold. Uses WM-45 Shot and Includes Frame and Handle (M-603)	EA	3.00
HCA-1T	#2 Solid (Cable on Surface) through Horizontal Steel Cadweld Mold Uses WM-45 Shot and Includes Frame and Handle (M-604-S)	EA	3.00
HCA-1V	#2 Stranded (Cable on Surface) through Horizontal Flat Steel Cadweld Mold Uses WM-45 Shot and Includes Frame and Handle (M-604)	EA	3.00
HCC-2G	2/0 Stranded (Cable on Surface) to Flat Horizontal Steel Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5331)	EA	5.00
HCC-2Q	4/0 Stranded (Cable on Surface) to Flat Horizontal Steel Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-7192)	EA	5.00



Exothermic Molds - Type HS (GC-EXO-MOLD-HS)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
HSC-2G	2/0 Stranded Dead End (Cable off Surface) to Horizontal Flat Steel Cadweld Mold Uses WM-90 Shot and L-160 Handle (M-645)	EA	5.00
HSC-2L	3/0 Stranded Dead End (Cable off Surface) to Horizontal Flat Steel Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-646)	EA	5.00
HSC-2Q	4/0 Stranded Dead End (Cable off Surface) to Horizontal Flat Steel Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-647)	EA	5.00



Exothermic Molds - Type HT (GC-EXO-MOLD-HT)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
HTC-1V2.5	#2 Str to 2-1/2" Steel Pipe Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-7359-2.5)	EA	5.00
HTC-2G	2/0 Str to Horizontal Flat Steel, Thru Cable, Off Surface Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-617)	EA	5.00
HTC-2Q	4/0 Str to Horizontal Flat Steel, Thru Cable, Off Surface Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-619)	EA	5.00
HTD-3Q	500 MCM to Horizontal Flat Steel Surface Cadweld Mold Uses (2) WM-150 Shots and L-159 Handles (M-624)	EA	8.00



Exothermic Molds - Type LE (GC-EXO-MOLD-LE)

Exothermic molds are available in both Cadweld and Thermoweld.

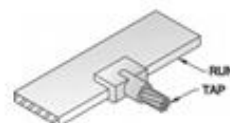
Item #	Description	Unit	Wt (lb)
LEC-2Q011	4/0 Stranded to 26 Gauge Copper Strip Cadweld Mold Uses WM-90 Shot and L-160 Handles (N/A)	EA	5.00
LEC-2G001	2/0 Stranded to 20 Gauge Copper Strip Cadweld Mold Uses WM-90 Shot and L-160 Handles (N/A)	EA	5.00
LEC-2Q009	4/0 Stranded to 20 Gauge Copper Strip Cadweld Mold Uses WM-90 Shot and L-160 Handles (N/A)	EA	5.00
LEC-8C002	29/32 Lightning Conductor to 20 Ga Copper Ground Plate Cadweld Mold Uses WM-115 Shot and L-160 Handles (N/A)	EA	5.00
LEC-8D002	228 (28R) to 20 Gauge Copper Ground Plate Cadweld Mold Uses WM-65 Shot and L-160 Handles (N/A)	EA	5.00
LEC-2Q008	4/0 Stranded to 10 Gauge Copper Strip Cadweld Mold Uses WM-115 Shot and L-160 Handles (N/A)	EA	5.00



Exothermic Molds - Type LJ (GC-EXO-MOLD-LJ)

Exothermic molds are available in both Cadweld and Thermoweld.

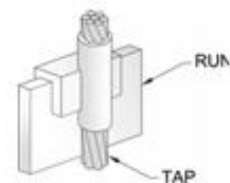
Item #	Description	Unit	Wt (lb)
LJC-1T004	#2 Solid to 20 Gauge Copper Plate Cadweld Mold Uses WM-32 Shot and L- 160 Handles (N/A)	EA	5.00
LJC-CE2Q	4/0 Stranded to 1/8" x 1" and Wider Copper Bus Bar Cadweld Mold Uses WM-65 Shot and L- 160 Handles (M-7103)	EA	5.00
LJC-CG1H	#6 Stranded to 1/8" x 1-1/2" and Wider Copper Bus Bar Cadweld Mold. Uses WM-45 and L-160 Handles (M-6969)	EA	5.00
LJC-CG2Q	4/0 Stranded to 1/8" x 1 - 1/2" and Wider Copper Bus Bar Cadweld Mold Uses WM-90 Shot and L- 160 Handles (M-2778)	EA	5.00
LJC-EG1G	#6 Solid To 1/4" x 1-1/2" and Wider Copper Bus Bar Cadweld Mold Uses WM-65 Shot and L- 160 Handles (N/A)	EA	5.00
LJC-EG1T	#2 Solid to 1/4" x 1 - 1/2" and Wider Copper Bus Bar Cadweld Mold Uses WM-65 Shot and L- 160 Handles (M-5415-S)	EA	5.00
LJC-EG1V	#2 Stranded to 1/4" x 1 - 1/2" and Wider Copper Bus Bar Cadweld Mold Uses WM-65 Shot and L- 160 Handles (M-5415)	EA	5.00
LJC-EG2G	2/0 Stranded to 1/4" x 1 - 1/2 and Wider Copper Bus Bar Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-1652)	EA	5.00
LJC-EG2L	3/0 Stranded To 1/4" x 1-1/2" and Wider Copper Bus Bar Cadweld Mold Uses WM-90 Shot and L- 160 Handles (M-1653)	EA	5.00
LJC-EG2Q	4/0 Stranded to 1/4" x 1-1/2" and Wider Copper Bus Bar Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-1654)	EA	5.00
LJC-EG3Q	500MCM to 1/4" x 1-1/2" and Wider Copper Bus Bar Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-1659)	EA	5.00
LJC-JG2Q	4/0 Stranded to 1/2" x 1 -1/2" and Wider Copper Bus Bar Cadweld Mold Uses WM- 150 Shot and L-160 Handles (M-1674)	EA	5.00
LJD-JG3Q	500MCM to 1/2" x 1-1/2" and Wider Copper Bus Bar Cadweld Mold Uses WM-150 Shot and L- 159 Handles (M-1679)	EA	8.00



Exothermic Molds - Type LQ (GC-EXO-MOLD-LQ)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
LQE-EH1V	#2 Solid to 1/4" x 4" Cooper Bar Cadweld Mold Uses WM-250 Shot and B-133-V Sleeves for #4 Wire (M-6922)	EA	8.00
LQJ-EH2Q	4/0 Stranded to 1/4" x 2" and Wider Copper Bus Bar Cadweld Mold Uses WM- 500 Shot and L-159 Handles (M-6184)	EA	16.00
LQJ-EH3Q	500 MCM to 1/4" x 2" and Wider Copper Bus Bar Cadweld Mold Uses WM- 500 Shot and L-159 Handles (M-6183)	EA	16.00
LQR-EH002	#2 Solid to 1/4" x 2" Cooper Bar Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-6484-S)	EA	6.00
LQJ-JH2Q	4/0 Stranded to 1/2" x 2"and Wider Copper Bus Bar Cadweld Mold Uses WM- 200 Shot and L-159 Handles (N/A)	EA	16.00



Exothermic Molds - Type NC (GC-EXO-MOLD-NC)

Exothermic molds are available in both Cadweld and Thermoweld.

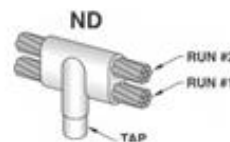
Item #	Description	Unit	Wt (lb)
NCF-182V	250 MCM Stranded To 3/4" Copper Clad Ground Rod. (One Through Cable Plus One Tap Cable) To Top of Ground Rod Uses WM-250 Shot and L-159 Handles (M-5904)	EA	8.00
NCR-161T	#2 Solid To Top of 5/8" Copper Clad Ground Rod (One Through Cable Plus One Tap Cable) To Top of Ground Rod. Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5395-S)	EA	5.00
NCR-181T	#2 Solid to Top of 3/4" Copper Clad Ground Rod (One Through Cable Plus One Tap Cable) To Top of Ground Rod. Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5294-S)	EA	5.00
NCR-182C	1/0 Stranded To Top of 3/4" Copper Clad Ground Rod (One Through Cable Plus One Tap Cable) To Top of Ground Rod. Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-6025)	EA	5.00
NCR-182L	3/0 Str To 3/4" Copper Clad Ground Rod (One Through Cable Plus One Tap Cable) To Top of Ground Rod. Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-6003)	EA	5.00
NCR-182Q	4/0 Stranded to Top of 3/4" Copper Clad Ground Rod (One Through Cable Plus One Tap Cable) To Top of Ground Rod.Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-2566)	EA	5.00



Exothermic Molds - Type ND (GC-EXO-MOLD-ND)

Exothermic molds are available in both Cadweld and Thermoweld.

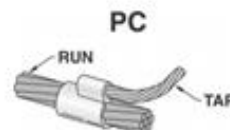
Item #	Description	Unit	Wt (lb)
NDR-181T	#2 Solid (2 Wires) through Top of 3/4" Copper Clad Ground Rod Cadweld Mold Uses WM-150 and L160 Handles (M-2320-S)	EA	5.00
NDR-161T	#2 Solid (2 Wires) through Top of 5/8" Copper Clad Ground Rod Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-5702-S)	EA	5.00
NDR-311T	#2 Solid (2 Wires) through Top of Full 5/8" Ground Rod Cadweld Mold Uses WM-150 and L160 Handles (M-5702-NS)	EA	5.00
NDF-182L	3/0 Stranded (2 Wires) Thru Top of 3/4" Copper Clad Ground Rod Cadweld Mold Uses 2 X WM-150 Shots and L-159 Handles (M-8726)	EA	8.00



Exothermic Molds - Type PC (GC-EXO-MOLD-PC)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
PCC-1T1G	#2 Solid to # 6 Solid Horizontal Parallel Tap Cadweld Mold Uses WM-32 Shot and L-160 Handles (M-1278-S)	EA	5.00
PCC-1T1T	#2 Solid to #2 Solid Horizontal Parallel Tap Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-1276-S))	EA	5.00
PCC-2G1L	2/0 Stranded to #4 Stranded Horizontal Parallel Tap Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-1298)	EA	5.00
PCC-2L1H	3/0 Stranded to #6 Stranded Horizontal Parallel Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5957)	EA	5.00
PCC-2Q1G	4/0 Stranded to # 6 Solid Horizontal Parallel Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-1309)	EA	5.00
PCC-2Q1H	4/0 Stranded to #6 Stranded Horizontal Parrallel Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-1308)	EA	5.00
PCC-2Q1L	4/0 Stranded to #4 Stranded Horizontal Parallel Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-1307)	EA	5.00
PCC-8D1G	28/505 Lightning Conductor to # 6 Solid Horizontal Parallel Tap Cadweld Mold Uses WM- 65 Shot and L-160 Handles (N/A)	EA	5.00
PCC-8D8D	28/505 to 28/505 Lightning Conductor Cadweld Mold. Uses WM-150 and L-160 Handle. (N/A)	EA	5.00



Exothermic Molds - Type PG (GC-EXO-MOLD-PG)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
PGC-2G2G	2/0 Stranded to 2/0 Stranded Parallel Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-7260)	EA	5.00
PGT-1E1E	#8 Stranded to #8 Stranded Parallel Tap Cadweld Mold Includes Handles, Uses WM-15 Shot (M-5709)	EA	3.00
PGT-1G1G	#6 Solid to #6 Solid Parallel Tap Cadweld Mold Includes Handles Uses WM-25 Shot (M-5618-S)	EA	3.00
PGT-1H1H	#6 Stranded to #6 Stranded Parallel Tap Cadweld Mold Includes Handles Uses WM-25 Shot (M-5618)	EA	3.00



Exothermic Molds - Type PH (GC-EXO-MOLD-PH)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
PHR-1T1T	#2 Solid to #2 Solid Vertical Parallel Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-7304-S)	EA	6.00
PHR-2Q1T	4/0 Stranded to #2 Solid Vertical Parallel Tap Mold Uses WM-200 Shot and L-160 Handles (M-7304-S)	EA	6.00
PHR-2Q1V	4/0 Stranded to #2 Stranded Vertical Parallel Tap Cadweld Mold Uses WM-200 Shot and L-160 Handles (N/A)	EA	6.00
PHJ-2Q2Q	4/0 Stranded to 4/0 Vertical Parallel Tap Mold Uses (2) WM-200 Shots and L-159 Handles (M-6596)	EA	12.00
PHJ-3Q3Q	500MCM Run to 500MCM Tap Parallel Vertical Connection Mold Comes with Frame - Uses (3) 250 Shots and L-159 Handle - (M-6915)	EA	16.00



Exothermic Molds - Type PT (GC-EXO-MOLD-PT)

Exothermic molds are available in both Cadweld and Thermoweld.

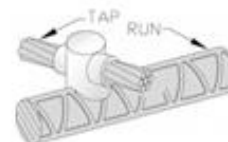
Item #	Description	Unit	Wt (lb)
PTC-1G2G	#6 Solid to 2/0 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-6214)	EA	5.00
PTC-1T1G	#2 Solid to #6 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-5631-S)	EA	5.00
PTC-1L1L	#4 Stranded to #4 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-32 Shot and L-160 Handles (M-1311)	EA	5.00
PTC-1T1L	#2 Solid to #4 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-5987)	EA	5.00
PTC-1T1T	#2 Solid to #2 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-1313-S)	EA	5.00
PTC-1T1V	#2 Solid to #2 Stranded Parallel Horizontal Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-5973)	EA	5.00
PTC-1V1G	#2 Stranded to #6 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-5632)	EA	5.00
PTC-1V1V	#2 Stranded to #2 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-1313)	EA	5.00
PTC-2C2C	1/0 Stranded to 1/0 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-1318)	EA	5.00
PTC-2G1T	2/0 Stranded to #2 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-8289)	EA	5.00
PTC-2G2C	1/0 Stranded to 2/0 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-115 Shot and L-160 Handle (M-1323)	EA	5.00
PTC-2G2G	2/0 Stranded to 2/0 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-1322)	EA	5.00
PTC-2L1T	3/0 Stranded to #2 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-6065)	EA	5.00
PTC-2L2L	3/0 Stranded to 3/0 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-1326)	EA	5.00
PTC-2Q1D	4/0 Stranded to #8 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5688)	EA	5.00
PTC-2Q1G	4/0 Stranded to #6 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-6552)	EA	5.00
PTC-2Q1H	4/0 Stranded to #6 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5684)	EA	5.00
PTC-2Q1T	4/0 Stranded to #2 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-6805)	EA	5.00
PTC-2Q1V	4/0 Stranded to #2 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-1336)	EA	5.00
PTC-2Q2B	4/0 Stranded to 1/0 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-2551)	EA	5.00
PTC-2Q2G	4/0 Stranded to 2/0 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M1333)	EA	5.00
PTC-2Q2Q	4/0 Stranded to 4/0 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-200 Shot and L-160 Handles (M1331)	EA	5.00
PTC-2Q2P	4/0 Stranded to 4/0 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-6803)	EA	5.00
PTC-2Q8C	4/0 Stranded To 29/32 Lightning Conductor Parallel Horizontal Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-1150)	EA	5.00
PTC-3Q1T	500 MCM to #2 Solid Parallel Horizontal Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-6750)	EA	5.00
PTC-3Q2Q	500 MCM to 4/0 Stranded Parallel Horizontal Tap Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-1376)	EA	5.00
PTC-8C8C	29/32 to 29/32 Lightning Conductor Parallel Horizontal Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-2220)	EA	5.00
PTC-8D8D	28/505 to 28/505 Lightning Conductor Parallel Horizontal Tap Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-1207)	EA	5.00
PTD-4L4L	750 MCM Stranded to 750 MCM Stranded Cadweld Mold Uses 3 X WM-250 Shot and L-159 Handles (M-1382)	EA	8.00



Exothermic Molds - Type RD (GC-EXO-MOLD-RD)

Exothermic molds are available in both Cadweld and Thermoweld.

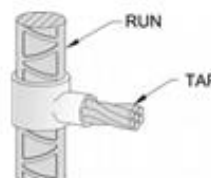
Item #	Description	Unit	Wt (lb)
RDC-521T	#2 Solid to #4 Rebar "X" Connection Horizontal Cable to Horizontal Rebar Cadweld Mold. Uses WM-90 Shot, L-160 Handles and B-141A Packing. (M-7718-S)	EA	5.00
RDM-522L	3/0 Stranded to #4 Rebar "X" Connection Horizontal Cable to Horizontal Rebar Cadweld Mold Includes Frame, Uses WM-150 Shot and B-141A Packing. (M-7722)	EA	8.00



Exothermic Molds - Type RJ (GC-EXO-MOLD-RJ)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
RJE-562G	2/0 Stranded to #8 Rebar Tee Connection (Horizontal Cable to Vertical Rebar) Cadweld Mold Includes Frame Uses WM-115 Shot, L-160 Handles and B-144B Packing (M-7921)	EA	5.00
RJE-568D	28/505 Lightning Protection Conductor to #8 Rebar Tee Connection (Horizontal Cable to Vertical Rebar) Cadweld Mold	EA	5.00
RJE-571T	#2 Solid To #9 Rebar Tee Connection (Horizontal Cable to Vertical Rebar) Cadweld Mold Includes Frame Uses WM-65 Shot, L-160 Handles and B-144A Packing (M-7934-S)	EA	5.00
RJE-572G	2/0 Str to #9 Rebar Tee Connection (Horizontal Cable to Vertical Rebar) Cadweld Mold Includes Frame Uses WM-115 Shot, L-160 Handles and B-144B Packing (M-7921)	EA	5.00
RJE-572Q	4/0 Stranded to #9 Rebar Tee Connection (Horizontal Cable to Vertical Rebar) Cadweld Mold Includes Frame Uses WM-150 Shot, L-160 Handles and B-144B Packing (M-7923)	EA	5.00
RJE-578D	28/505 Lightning Protection Conductor to #8 Rebar Tee Connection (Horizontal Cable to Vertical Rebar) Cadweld Mold.	EA	5.00
RJE-582Q	4/0 Stranded to #10 Rebar Tee Connection (Horizontal Cable to Vertical Rebar) Cadweld Mold Includes Frame Uses WM-150 Shot, L-160 Handles and B-144B Packing (M-7923)	EA	5.00
RJE-592Q	4/0 Stranded to #11 Rebar Tee Connection (Horizontal Cable to Vertical Rebar) Cadweld Mold Includes Frame Uses WM-150 Shot, L-160 Handles and B-144B Packing (M-7923)	EA	5.00



Exothermic Molds - Type RR (GC-EXO-MOLD-RR)

Exothermic molds are available in both Cadweld and Thermoweld.

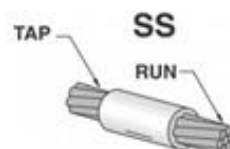
Item #	Description	Unit	Wt (lb)
RRA-521T	#2 Solid to #4 Rebar Horizontal Dead End Attachment Cadweld Mold. Includes Frame. Uses WM-45 Shot, and B-143A Packing (M-7510-S).	EA	3.00
RRA-531V	Horizontal Dead End Attachment #2 Stranded to #5 Rebar Cadweld Mold Includes Frame. Uses WM-45 Shot, and B-134A Packing (M-7510)	EA	3.00
RRA-541V	Horizontal Dead End Attachment #2 Stranded to #6 Rebar Cadweld Mold Includes Frame. Uses WM-45 Shot, and B-143B Packing (M-7510)	EA	3.00
RRA-571T	Horizontal Dead End Attachment #2 Solid To #9 Rebar Cadweld Mold Includes Frame. Uses WM-45 Shot, and B-143B Packing. (M-7510-S)	EA	3.00



Exothermic Molds - Type SS (GC-EXO-MOLD-SS)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
SSC-2C	1/0 Stranded to 1/0 Stranded Horizontal Straight Splice Cadweld Mold. Uses WM-45 Shot and L-160 Handles. (M-205)	EA	5.00
SSC-2G	2/0 Stranded to 2/0 Stranded Horizontal Straight Splice Cadweld Mold. Uses WM-65 Shot and L-160 Handles. (M-206)	EA	5.00
SSC-2G1T	2/0 Stranded to #2 Solid Horizontal Straight Splice Cadweld Mold. Uses WM-45 Shot and L-160 Handles. (M-6968)	EA	5.00
SSC-2Q	4/0 Stranded to 4/0 Stranded Horizontal Straight Splice Cadweld Mold. Uses WM-90 Shot and L-160 Handles. (M-208)	EA	5.00
SSC-2Q1T	4/0 Stranded to #2 Solid Horizontal Straight Splice Cadweld Mold. Uses WM-90 Shot and L-160 Handles. (M-6443)	EA	5.00
SSC-3Q	500 MCM TO 500 MCM Horizontal Straight Splice Cadweld Mold. Uses WM-200 Shot and L-160 Handles. (M-213)	EA	5.00
SSC-8C	29/32 to 29/32 Lightning Conductor Straight Splice Cadweld Mold. Uses WM-65 Shot and L-160 Handles. (M-5032)	EA	5.00
SSC-8D	28/505 to 28/505 Lightning Conductor Straight Splice Cadweld Mold. Uses WM-90 Shot and L-160 Handles. (M-5012)	EA	5.00
SSC-8D1T	28/505 Lightning Conductor to #2 Solid Horizontal Straight Splice Cadweld Mold. Uses WM-90 Shot and L-160 Handles. (M-8217)	EA	5.00
SST-1T	#2 Solid Straight Splice Cadweld Mold Uses WM-32 Shot and Includes Handle Clamp (M-5625-S)	EA	3.00
SST-1V	#2 Stranded Straight Splice Cadweld Mold Uses WM-32 Shot and Includes Handle Clamp (M-5625)	EA	3.00



Exothermic Molds - Type TA (GC-EXO-MOLD-TA)

Exothermic molds are available in both Cadweld and Thermoweld.

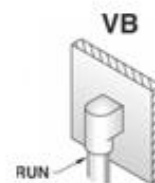


Item #	Description	Unit	Wt (lb)
TAC-1K1K	#4 Solid to #4 Solid "T" Tap Cadweld Mold Uses WM-32 Shot and L-160 Handles (M-221-S)	EA	5.00
TAC-1L1L	#4 Stranded to #4 Stranded "T" Tap Cadweld Mold Uses WM-32 Shot and L-160 Handles (M-221)	EA	5.00
TAC-1T1T	#2 Solid to #2 Solid "T" Tap Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-223-S)	EA	5.00
TAC-1T1V	#2 Solid to #2 Stranded "T" Tap Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-5856)	EA	5.00
TAC-1V1V	#2 Stranded to #2 Stranded "T" Tap Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-223)	EA	5.00
TAC-1V8C	#2 Stranded Run to 129/132 Lightning Protection Conductor "T" Tap Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-2140)	EA	5.00
TAC-2C1L	1/0 Stranded To # 4 Stranded "T" Tap Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-231)	EA	5.00
TAC-2C2C	1/0 Stranded to 1/0 Stranded "T" Tap Cadweld Mold Use WM-90 Shot and L-160 Handles (M-228)	EA	5.00
TAC-2C8D	1/0 Str to 28/505 Lightning Conductor "T" Cadweld Mold Uses WM-90 Shot and L-160 Handles. (M-5601)	EA	5.00
TAC-2G1H	2/0 Stranded to #6 Stranded "T" Cadweld Mold Uses WM-45 Shot and L-160 Handles, B-112 Sleeve Recommended (M-5074)	EA	5.00
TAC-2G1V	2/0 Stranded to #2 Stranded "T" Tap Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-235)	EA	5.00
TAC-2G2G	2/0 Stranded to 2/0 Stranded "T" Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-232)	EA	5.00
TAC-2G3Q	2/0 Stranded to 500 MCM "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5384)	EA	5.00
TAC-2G8C	2/0 Stranded Run to 129 Lightning Conductor Tap "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5157)	EA	5.00
TAC-2L2L	3/0 Stranded to 3/0 Stranded "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5574)	EA	5.00
TAC-2L2Q	3/0 Stranded to 4/0 Str "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (NA)	EA	5.00
TAC-2L8C	3/0 Stranded to 39/32 Lightning Protection Conductor "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5244)	EA	5.33
TAC-2L8D	3/0 Stranded to 28/14 Lightning Protection Conductor "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-6190)	EA	5.00
TAC-2Q1L	4/0 Stranded to #4 Stranded "T" Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5021)	EA	5.00
TAC-2Q1T	4/0 Stranded to #2 Solid "T" Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5348)	EA	5.00
TAC-2Q1V	4/0 Stranded to #2 Stranded "T" Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-246)	EA	5.00
TAC-2Q2C	4/0 Str to 1/0 Str "T" Mold Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-244)	EA	5.00
TAC-2Q2G	4/0 Stranded to 2/0 Stranded "T" Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-243)	EA	5.00
TAC-2Q2L	4/0 Stranded to 3/0 Stranded "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-242)	EA	5.00
TAC-2Q2Q	4/0 Stranded to 4/0 Stranded "T" Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-241)	EA	5.00
TAC-2Q3Q	4/0 Stranded to 500 MCM Stranded "T" Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-5010)	EA	5.00
TAC-2Q8C	4/0 Stranded to 29/32 Lightning Conductor "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5020)	EA	5.00
TAC-2Q8D	4/0 Stranded to 28/505 Lightning Conductor "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5036)	EA	5.00
TAC-2Q8F	4/0 Stranded to 506 Lightning Conductor "T" Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-5033)	EA	5.00
TAC-2V1L	250 MCM to #4 Stranded "T" Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5425)	EA	5.00
TAC-2V2C	250 MCM To 1/0 Stranded "T" Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-251)	EA	5.00
TAC-2V2G	250 MCM to 2/0 Stranded "T" Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-250)	EA	5.00
TAC-2V2Q	250 MCM to 4/0 Stranded "T" Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-248)	EA	5.00
TAC-2V2V	250 MCM Stranded to 250 MCM Stranded "T" Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-247)	EA	5.00
TAC-2V8D	250 MCM to 28/505 Lightning Conductor "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-2135)	EA	5.00
TAC-3Q1T	500 MCM Stranded to #2 Solid "T" Tap Cadweld Mold. Uses WM-90 Shot and L-160 Handle (M-6196)	EA	5.00
TAC-3A2G	300 MCM Stranded to 2/0 Stranded "T" Tap Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-258)	EA	5.00
TAC-3D2Q	350 MCM Str to 4/0 Str "T" Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-265)	EA	5.00
TAC-3D3D	350 MCM Str to 350 Str "T" Tap Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-262)	EA	5.00
TAC-3H3H	400 MCM Str to 400 MCM Str "T" Tap Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-271)	EA	5.00
TAC-3Q2Q	500 MCM Stranded to 4/0 Stranded "T" Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-285)	EA	5.00
TAC-3Q3Q	500 MCM Stranded to 500 MCM Stranded "T" Tap Cadweld Mold Uses (2) WM-150 Shots and L-160 Handles (M-280)	EA	5.00
TAC-4L2L	750 MCM Stranded to 3/0 Stranded "T" Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-8003*)	EA	5.00
TAC-4L2Q	750 MCM Stranded to 4/0 Stranded "T" Tap Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-296)	EA	5.00
TAC-8C8C	29/32 Lightning Conductor to 29/32 Lightning Conductor "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5048)	EA	5.00
TAC-8D1H	#6 Stranded to 28/505 Lightning Conductor "T" Tap Cadweld Mold Uses 45 Shot and L-160 Handles	EA	5.00
TAC-8D8A	#28 Lightning Conductor to # 14 Lightning Conductor "T" Tap Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-5288)	EA	5.00
TAC-8D8C	28/505 Lightning Conductor to 29/32 Lightning Conductor "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5040)	EA	5.00
TAC-8D8D	28/505 Lightning Conductor to 28/505 Lightning Conductor "T" Tap Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5287)	EA	5.00
TAD-4L4L	750 MCM to 750 MCM "T" Cadweld Mold Uses WM-500 Shot and L-159 Handles (M-290)	EA	4.00

Exothermic Molds - Type VB (GC-EXO-MOLD-VB)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
VBC-1K	#4 Solid (cable down flat) to Vertical Steel Cadweld Mold Uses WM-65 Shot and L160 Handles (M-5359-S)	EA	5.00
VBC-1T	#2 Solid (cable down flat) to Vertical Steel Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-2781-S)	EA	5.00
VBC-2C	1/0 Stranded (cable down flat) to Vertical Steel Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-2189)	EA	5.00
VBC-2G	2/0 Stranded (cable down flat) to Vertical Steel Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-2540)	EA	5.00
VBC-2Q	4/0 Stranded (cable down flat) to Vertical Steel Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-8718)	EA	5.00
VBC-2S	4/0 Welding Wire (cable down flat) to Vertical Steel Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5381)	EA	5.00
VBC-3A	300 MCM Stranded (cable down flat) to Vertical Steel Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-5363)	EA	5.00
VBC-2G-009	2/0 Stranded (cable down flat) to Vertical 2" - 4" Steel Pipe Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5495)	EA	5.00
VBC-2Q-003	4/0 Gate Jumper (cable down flat) to Vertical Steel Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-6622)	EA	5.00
VBC-1T-V3C	#2 Solid (cable down flat) to 1-1/2" - 4" Pipe Cable Down Cadweld Mold Uses WM-65 shot and B-160-V Handles (M-6199-S)	EA	5.00
VBC-2Q-V.75	4/0 Stranded (cable down flat) to 3/4" Vertical Rigid Metal Conduit Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-8718-V3/4)	EA	5.00
VBC-2Q-V1	4/0 Stranded (cable down flat) to 1" Vertical Rigid Metal Conduit Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-8718-V1)	EA	5.00
VBC-2Q-V1.25	4/0 Stranded (cable down flat) to 1-1/4" Vertical Rigid Metal Conduit Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-8718-V1 1/4)	EA	5.00



Exothermic Molds - Type VF (GC-EXO-MOLD-VF)

Exothermic molds are available in both Cadweld and Thermoweld.

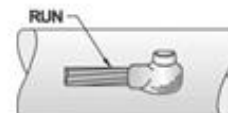
Item #	Description	Unit	Wt (lb)
VFC-1H	#6 Stranded To Vertical Flat Steel Surface Top Feed Attachment Cadweld Mold Uses WM-65 Shot and B-112 Sleeve-2 per Weld (M-1635)	EA	5.00
VFC-1T	#2 Solid To Vertical Flat Steel Surface Top Feed Attachment Cadweld Mold Uses WM-65 Shot (M-1638-S)	EA	5.00
VFC-1V	#2 Stranded To Vertical Flat Steel Surface Top Feed Attachment Cadweld Mold Uses WM-65 Shot (M-1638)	EA	5.00
VFC-2G	2/0 Stranded to Vertical Steel Surface Cable Up Cadweld Mold Uses WM-150 Shot and L-160 Handles (M-1641)	EA	5.00
VFR-2Q	4/0 Stranded To Vertical Flat Steel Cable Up Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-1643)	EA	6.00
VFR-2S	4/0 Welding Cable to Vertical Steel Surface Cable Up Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-6794)	EA	6.00
VFC-1T-V3C	#2 Solid to Vertical 1 1/2" - 4" Pipe-Cable Up Cadweld Mold Uses WM-65 and B-160-V Handle (M-6618-S)	EA	5.00
VFC-1V-V3C	#2 Stranded to Vertical 1 1/2" - 4" Pipe-Cable Up Cadweld Mold Uses WM-65 and B-160-V Handle (M-6618)	EA	5.00
VFR-2Q-V3C	4/0 Stranded to Vertical 1 1/2" - 4" Pipe Cable Up Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-6615)	EA	6.00



Exothermic Molds - Type VN (GC-EXO-MOLD-VN)

Exothermic molds are available in both Cadweld and Thermoweld.

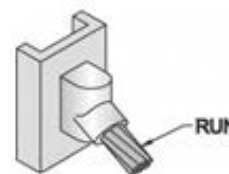
Item #	Description	Unit	Wt (lb)
VNC-1T-LH-1.5	#2 Solid to 1- 1/2" Horizontal Steel Pipe - Weld on Left End of Conductor Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-2569-LS1)	EA	5.00
VNC-1T-RH-1.5	#2 Solid to 1- 1/2" Horizontal Steel Pipe - Weld on Right End of Conductor Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-2569-RS1)	EA	5.00



Exothermic Molds - Type VS (GC-EXO-MOLD-VS)

Exothermic molds are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
VSC-1L	#4 Stranded to Vertical Flat Steel Surface Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-586)	EA	5.00
VSC-1T	#2 Solid to Vertical Steel Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-588-S)	EA	5.00
VSC-1V	#2 Stranded to Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-588)	EA	5.00
VSC-2C	1/0 Stranded to Vertical Steel Cable 45 Degree Down Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-590)	EA	5.00
VSC-2G	2/0 Stranded to Vertical Steel Cable 45 Degree Down Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-591)	EA	5.00
VSC-2L	3/0 Stranded to Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-592)	EA	5.00
VSC-2Q	4/0 Stranded to Vertical Flat Steel Cable 45 Degree Down Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-593)	EA	5.00
VSC-2V	250 MCM to Vertical Flat Steel Surface Cable 45 Degree Down Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-594)	EA	5.00
VSC-3D	350 MCM to Flat Vertical Steel Cadweld Mold. Uses WM-200 Shot and L-160 Handles. (M-596)	EA	5.00
VSC-8C	29/32 Lightning Conductor to Vertical Flat Steel Cable 45 Degree Down Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-5149)	EA	5.00
VSC-8D	28/505 Lightning Conductor to Vertical Flat Steel Cable 45 Degree Down Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-5146)	EA	5.00
VSC-033-V3C	1" Flex Braid in S429F2E16 Sleeve to Vertical 1 1/2" to 4" Pipe Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handles (N/A)	EA	5.00
VSC-1H-V21C	#6 Stranded to 24" Diameter Pipe Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-585)	EA	5.00
VSC-1L-V3C	#4 Stranded to 1-1/2" - 4" Vertical Pipe Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-2476)	EA	5.00
VSC-1L-V5C	#4 Stranded to 4"-6" Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handle (M-2477)	EA	5.00
VSC-1T-V150	#2 Solid to 1-1/2" Vertical Pipe Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handles (N/A)	EA	5.00
VSC-1T-V3C	#2 Solid to 1-1/2" - 4" Pipe Cadweld Mold-Cable 45 Degree Down Uses WM-45 Shot and L-160 Handles (M-9233-S)	EA	5.00
VSC-1T-V5C	#2 Solid to 4" - 6" Pipe Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-2480-S)	EA	5.00
VSC-1T-V8C	#2 Solid To 6"-10" Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-2583-S)	EA	5.00
VSC-1V-V3C	#2 Stranded to 1-1/2" - 4" Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-45 Shot and L-160 Handles (M-9233)	EA	5.00
VSC-2G-V2.5	2/0 Stranded to 2-1/2" Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-591-V2A 1/2)	EA	5.00
VSC-2G-V3	2/0 Stranded to 3" Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-591-V3)	EA	5.00
VSC-2G-V3.5	2/0 Stranded to 4" Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-591-V3 1/2)	EA	5.00
VSC-2G-V3C	2/0 Stranded to 2" - 4" Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-8833)	EA	5.00
VSC-2G-V4	2/0 Stranded to 4" Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-90 Shot and L-160 Handles (M-591-V4)	EA	5.00
VSC-2G-V5C	2/0 Stranded to 4" - 6" Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-90 and L-160 Handles (M-2490)	EA	5.00
VSC-2J-V3C	2/0 Welding Conductor with sleeve to 2"-4" Pipe Cable 45 Degree Down Cadweld Mold Uses WM-90 Shot and L-160 Handles (38-5242-04)	EA	5.00
VSC-2L-V3C	3/0 Stranded to 2" - 4" Vertical Pipe Cable 45 Degree Down Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-2493)	EA	5.00
VSC-2Q-V150	4/0 Stranded to 1.5" Vertical Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-115 Shot and L-160 Handles (N/A)	EA	5.00
VSC-2Q-V3C	4/0 Stranded to 2"-4" Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-9021)	EA	5.00
VSC-2Q-V8C	4/0 Stranded to Vertical 6"--10" Steel Pipe Cable 45 Degree Down Cadweld Mold Uses WM-115 Shot and L-160 Handles (M-2494)	EA	5.00
VSC-2S-V275C	#4/0 Welding Wire to 1-1/4" Thru 4" Vertical Pipe Cable 45 Degree Down Cadweld Mold Uses WM-115 Shot and L-160 Handles (38-5242-06)	EA	5.00



Exothermic Molds - Type VV (GC-EXO-MOLD-VV)

Exothermic molds are available in both Cadweld and Thermoweld.

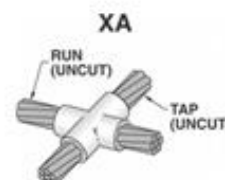
Item #	Description	Unit	Wt (lb)
VVR-8D	28R/505 Lightning Conductor Thru Vertical Steel Surface With a Parallel Feed Through Attachment Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-5154)	EA	6.00
VVR-8C	29/32 Cable To Vertical Steel Surface With a Parallel Feed Through Attachment Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-5159)	EA	6.00
VVR-2Q	4/0 Stranded to Vertical Steel Surface with a Parallel Feed Through Attachment Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-1223)	EA	6.00
VVC-2Q-V125	#4/0 To 1-1/4" Vertical Steel Pipe With a Parallel Feed Through Attachment WM-250 Shot and L-160 Handles, (N/A)	EA	6.00
VVR-8D-2V	28R to 2" Vertical Steel Pipe Surface with a Parallel Feed Through Attachment Cadweld Mold Uses WM-250 Shot and L-160 Handles (M-5154)	EA	6.00



Exothermic Molds - Type XA (GC-EXO-MOLD-XA)

Exothermic molds are available in both Cadweld and Thermoweld.

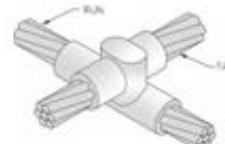
Item #	Description	Unit	Wt (lb)
XAC-1T1T	#2 Solid to #2 Solid Horizontal Cross , Tap Cable Cut - Cables in Same Plane Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-425-S)	EA	5.00
XAC-1V1T	#2 Stranded to #2 Solid Horizontal Cross , Tap Cable Cut - Cables in Same Plane Cadweld Mold Uses WM-65 Shot and L-160 Handles (N/A)	EA	5.00
XAC-1V1V	#2 Stranded to #2 Stranded Horizontal Cross Cables, Tap Cable Cut - Cables in Same Plane Cadweld Mold Uses WM-65 Shot and L-160 Handles (M-425)	EA	5.00
XAC-2Q2Q	4/0 Stranded to 4/0 Stranded Horizontal Cross, Tap Cable Cut - Cables in Same Plane Cadweld Mold Uses WM-200 Shot and L-160 Handles (M-443)	EA	5.00



Exothermic Molds - Type XB (GC-EXO-MOLD-XB)

Exothermic molds are available in both Cadweld and Thermoweld.

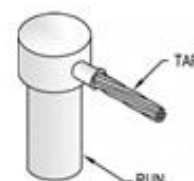
Item #	Description	Unit	Wt (lb)
XBC-1T1T	#2 Solid to #2 Solid "X" Type Connection - Cables Lapped Not Cut - Cadweld Mold, L-160 Handles ,Uses WM-90 Shot (M-2689-S)	EA	5.00
XBC-1V1V	#2 Stranded to #2 Stranded "X" Type Connection - Cables Lapped Not Cut - Cadweld Mold, L-160 Handles ,Uses WM-90 Shot (M-2689)	EA	5.00
XBM-2Q2Q	4/0 Stranded to 4/0 Stranded "X" Type Connection - Cables Lapped Not Cut - Cadweld Mold, Handles Included Uses WM-250 Shot (M-2707)	EA	9.00
XLXBC-1L1L	Smokeless #4 Stranded "X" Type Connection - Cables Lapped Not Cut - Cadweld Mold, Handles Included Uses WM-45 Shot (Without Baffle) (LE-2687)	EA	5.00



Exothermic Single Shot Kits-GR (GC-EXO-SSK-GR)

Exothermic single shots are available in both Cadweld and Thermoweld.

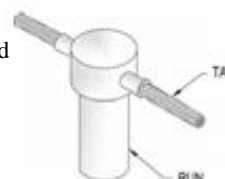
Item #	Description	Unit	Wt (lb)
GR1-141G	Single Shot Exothermic Kit - #6/#8 Solid or # 8 Stranded to 1/2" Copper Clad Ground Rod (M-2009)	EA	0.44
GR1-141L	Single Shot Exothermic Kit - #3/#4 Solid or #4/#6 Stranded to 1/2" Copper Clad Ground Rod (M-2010)	EA	0.46
GR1-141V	Single Shot Exothermic Kit - #1 and #2 Solid or #2 and #3 Stranded (M-2011)	EA	0.47
GR1-161G	Single Shot Exothermic Kit - #6 and #8 Solid or # 8 Stranded to 5/8" Copper Clad Ground Rod (M-2012)	EA	0.43
GR1-161L	Single Shot Exothermic Kit - #3 and #4 Solid or #4 and #6 Stranded to 5/8" Copper Clad Ground Rod (M-2013)	EA	0.46
GR1-161V	Single Shot Exothermic Kit - #1 and #2 Solid or #2 and #3 Stranded To 5/8" Ground Rod (M-2014)	EA	0.48
GR1-162C	Single Shot Exothermic Kit - 2/0 and 1/0 Solid or 1/0 and #1 Stranded to Copper Clad Ground Rod (M-2015)	EA	0.49
GR1-162G	Single Shot Exothermic Kit - 2/0 Stranded to 5/8 Ground Rod (M-2016)	EA	0.60
GR1-162Q	Single Shot Exothermic Kit - 4/0 Stranded to 5/8" Copper Clad Ground Rod	EA	0.58
GR1-181G	Single Shot Exothermic Kit - #6 and #8 Solid or # 8 Stranded to 3/4" Copper Clad Ground Rod (M-2017)	EA	N/A
GR1-181L	Single Shot Exothermic Kit - #3/4 Solid #4/#6 Stranded to 3/4" Ground Rod (M-2018)	EA	N/A
GR1-181V	Single Shot Exothermic Kit - #1 and #2 Solid or #2 and #3 Stranded to 3/4" Copper Clad Ground Rod (M-2019)	EA	0.55
GR1-182C	Single Shot Exothermic Kit - 2/0 - 1/0 Solid or 1/0 - 1 Stranded to 3/4 Ground Rod (M-2020)	EA	0.60
GR1-182G	Single Shot Exothermic Kit - 2/0 Stranded to 3/4 Ground Rod (M-2021)	EA	0.60
GR1-182Q	Single Shot Exothermic Kit - 4/0 Stranded to 3/4" Ground Rod Dead End Connection	EA	0.57



Exothermic Single Shot Kits-GT (GC-EXO-SSK-GT)

Exothermic single shots are available in both Cadweld and Thermoweld. Must be purchased in Standard Package as indicated by Cart.

Item #	Description	Unit	Wt (lb)
GT1-141G	Single Shot Exothermic Kit - #6 - #8 Solid or #8 Stranded thru 1/2" Copper Clad Ground Rod (M-2024)	EA	0.46
GT1-141L	Single Shot Exothermic Kit - #3 - #4 Solid or #4 - #6 Stranded thru 1/2" Copper Clad Ground Rod (M-2025)	EA	0.48
GT1-141V	Single Shot Exothermic Kit - #1 - #2 Solid or #2 - #3 Stranded thru 1/2" Copper Clad Ground Rod (M-2026)	EA	0.48
GT1-161G	Single Shot Exothermic Kit - #6 - 8 Solid or 8 Stranded thru 5/8 Ground Rod (M2027)	EA	0.60
GT1-161L	Single Shot Exothermic Kit - #3/#4 Solid or #4/#6 Stranded Thru 5/8" Copper Clad Ground Rod (M-2028)	EA	0.45
GT1-161V	Single Shot Exothermic Kit - Mold #1/#2 Solid or #2/#3 Stranded Thru 5/8" Ground Rod (M-2029)	EA	0.60
GT1-162C	Single Shot Exothermic Kit - 2/0 -1/0 Solid - 1/0 /#1 Stranded thru Copper Clad Ground Rod (M-2030)	EA	0.59
GT1-181G	Single Shot Exothermic Kit - #6/ 8 Solid or 8 Stranded thru 3/4 Ground Rod (M-2031)	EA	0.60
GT1-181L	Single Shot Exothermic Kit - #3/#4 Solid or #4/#6 Stranded Thru 3/4" Copper Clad Ground Rod (M-2032)	EA	0.57
GT1-181V	Single Shot Exothermic Kit - #1/#2 Solid or #2/ #3 Stranded Thru Copper Clad Ground Rod (M-2033)	EA	0.57
GT1-182C	Single Shot Exothermic Kit - 2/0 -1/0 Solid or 1/0 - #1 Stranded Thru 3/4" Copper Clad Ground Rod (M-2034)	EA	0.58



Exothermic Single Shot Kits-NT (GC-EXO-SSK-NT)

Exothermic single shots are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
NT1-141G	Single Shot Exothermic Kit - #6 /#8 Solid or # 8 Stranded Three Way to 1/2" Copper Clad Ground Rod	EA	0.60
NT1-141L	Single Shot Exothermic Kit - #3 and #4 Solid or #4 and #6 Stranded Three Way to 1/2" Copper Clad Ground Rod	EA	0.60
NT1-141V	Single Shot Exothermic Kit - #1 and #2 Solid or #2 and #3 Stranded Three Way to 1/2" Copper Clad Ground Rod	EA	0.60
NT1-161G	Single Shot Exothermic Kit - #6 and #8 Solid or # 8 Stranded Three Way to 5/8" Copper Clad Ground Rod (M-2006)	EA	0.60
NT1-161L	Single Shot Exothermic Kit - #3 and #4 Solid or #4 and #6 Stranded Three Way to 5/8" Copper Clad Ground (M-2007)	EA	0.60
NT1-161V	Single Shot Exothermic Kit - Mold #1/#2 Solid or #2/#3 Stranded Three Way to 5/8" Ground Rod (M-2008)	EA	0.60
NT1-181G	Single Shot Exothermic Kit - #6 and #8 Solid or # 8 Stranded Three Way to 3/4" Copper Clad Ground Rod (M-2068)	EA	0.60
NT1-181L	Single Shot Exothermic Kit - #3 and #4 Solid or #4 and #6 Stranded Three Way to 3/4" Copper Clad Ground Rod (M-2069)	EA	0.60
NT1-181V	Single Shot Exothermic Kit - Mold #1/#2 Solid or #2/#3 Stranded Three Way to 3/4" Ground Rod (M-2070)	EA	0.60



Exothermic Single Shot Kits-NX (GC-EXO-SSK-NX)

Exothermic single shots are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
NX1-141G	Single Shot Exothermic Kit - #6 and #8 Solid or # 8 Stranded Four Way to 5/8" Copper Clad Ground Rod	EA	N/A
NX1-141L	Single Shot Exothermic Kit - #3/#4 Solid or #4/ #6 Stranded Four Way to 1/2" Copper Clad Ground Rod	EA	N/A
NX1-161G	Single Shot Exothermic Kit - #6/#8 Solid or # 8 Stranded Four Way to 5/8" Copper Clad Ground Rod (M-2105)	EA	0.49
NX1-161L	Single Shot Exothermic Kit - #3/#4 Solid or #4/#6 Stranded Four Way to 5/8" Copper Clad Ground Rod (M-2106)	EA	0.50
NX1-161V	Single Shot Exothermic Kit - #1/#2 Solid or #2/#3 Stranded Four Way to 5/8" Ground Rod One Shot (M-2107)	EA	0.60
NX1-181G	Single Shot Exothermic Kit - #6/#8 Solid or # 8 Stranded Four Way to 3/4" Copper Clad Ground Rod (M-2108)	EA	N/A
NX1-181L	Single Shot Exothermic Kit - #3/#4 Solid or #4 and #6 Stranded Four Way to 3/4" Copper Clad Ground Rod (M-2109)	EA	0.53
NX1-181V	Single Shot Exothermic Kit - #1 and #2 Solid or #2 and #3 Stranded Four Way to Copper Clad Ground Rod (M-2110)	EA	0.57



Exothermic Handles (GC-EXO-HSS-01)

All handles include striker. Exothermic handles are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
B-160-V	Mold Support Clamp for Vertical Pipe includes Flint Gun	EA	3.90
B-399B	Mini EZ Handle Clamp (40-4565-00)	EA	5.00
B-399-ES	Cad Mold Handles for Use with Gyp16006m and Gyp-18009m	EA	5.00
L-159	Cad Mold Handles (B-107)	EA	5.00
L-160	Cad Mold Handles includes Flint Gun (40-0106-00)	EA	5.00
XLB399CS	Smokeless Handles for Pedestal Mold (40-5271-00)	EA	1.40
XLL-160	Smokeless Handle (B-106)	EA	5.00



Illustrates the B-160V

Exothermic Shots (GC-EXO-HSS-02)

Exothermic shots are available in both Cadweld and Thermoweld.

Item #	Description	Unit	Wt (lb)
WM-15	#15 Weld Metal	EA	1.00
WM-25	#25 Weld Metal	EA	1.00
WM-32	#32 Weld Metal	EA	2.00
WM-45	#45 Weld Metal	EA	3.00
WM-65	#65 Weld Metal	EA	4.00
WM-90	#90 Weld Metal	EA	3.00
WM-115	#115 Weld Metal	EA	3.00
WM-150	#150 Weld Metal	EA	4.00
WM-200	#200 Weld Metal	EA	5.00
WM-250	#250 Weld Metal	EA	7.00
WM-500	#500 Weld Metal	EA	12.00
XL-15	Smokeless 15 Weld Metal LE-15	EA	0.08
XL-25	Smokeless 25 Weld Metals LE-25	EA	1.50
XL-32	Smokeless 32 Weld Metals LE-32	EA	0.13
XL-45	Smokeless #45 Weld Metal LE-45	EA	0.15
XL-65	Smokeless 65 Weld Metal LE-65	EA	0.19
XL-90	Smokeless 90 Weld Metal LE-90	EA	0.28
XL-115	Smokeless 115 Weld Metal LE-115	EA	2.50
XL-150	Smokeless 150 Weld Metal LE-150	EA	0.43
XL-200	Smokeless 200 Weld Metal LE-200	EA	0.55
XL-250	Smokeless 250 Weld Metal LE-250	EA	5.20
XL-500	Smokeless 500 Weld Metal LE-500	EA	5.90



Cadweld Plus Shots (GC-EXO-HSS-02a)

Item #	Description	Unit	Wt (lb)
15PLUSF20	#15 Plus Weld Metal - Black Color Code	EA	N/A
25PLUSF20	#25 Plus Weld Metal - Red Color Code	EA	N/A
32PLUSF20	#32 Plus Weld Metal - White Color Code	EA	N/A
45PLUSF20	#45 Plus Weld Metal - Light Blue Color Code	EA	N/A
65PLUSF20	#65 Plus Weld Metal - Dark Green Color Code	EA	N/A
90PLUSF20	#90 Plus Weld Metal - Gray Color Code	EA	N/A
115PLUSF20	#115 Plus Weld Metal - Orange Color Code	EA	2.50
150PLUSF20	#150 Plus Weld Metal - Dark Blue Color Code	EA	N/A
200PLUSF20	#200 Plus Weld Metal - Yellow Color Code	EA	N/A
250PLUSF20	#250 Plus Weld Metal - Purple Color Code	EA	N/A
300PLUSF20	#300 Plus Weld Metal - Light Green Color Code	EA	N/A
400PLUSF20	#400 Plus Weld Metal - Brown Color Code	EA	N/A
500PLUSF20	#500 Plus Weld Metal - Light Brown Color Code	EA	N/A



Cadweld Plus Control Unit (GC-EXO-HSS-02b)

Item #	Description	Unit	Wt (lb)
PLUSCU	Cadweld Plus Control Unit	EA	N/A
PLUSCULD	Replacement Lead for Cadweld PLUS Control Unit	EA	N/A



Exothermic Welding Disks (GC-EXO-HSS-03)

The exothermic welding disks hold the powdered weld metal until the weld is made. Available in three sizes.

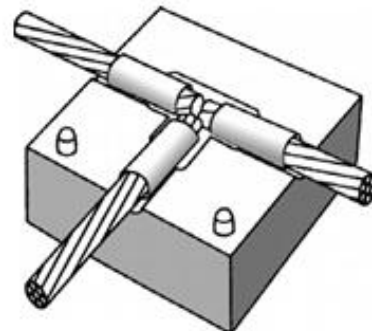
Item #	Description	Unit	Wt (lb)
B117A	3/4" Disc for Exothermic Mold Using a #15 thru #32 Shot Size (37-0320-01)	EA	0.10
B117B	1" Disc for Exothermic Mold Using a #45 thru #115 Shot Size (37-0320-02)	EA	0.10
B117C	1-1/2" Disc for Exothermic Mold Using a #150 thru #500 Shot Size (37-0320-03)	EA	0.10



Exothermic Adapter Sleeves (GC-EXO-HSS-04)

Adapter sleeves are used to adapt a limited range of smaller size cabled to larger size mold.

Item #	Description	Unit	Wt (lb)
B-112	Adapter Sleeve #6 Stranded or #5 Solid in A #2 Stranded Mold (38-0202-00)	EA	0.20
B-133-1H	Adapter Sleeve #12, 14 Stranded or #10, 12, 14 Solid in a #6 Stranded Mold (38-0200-00)	EA	0.20
B-133-1L	Adapt Sleeve #7, 8, 10 Stranded or #6, 8 Solid in A #4 Stranded Mold - (38-0201-00)	EA	0.20
B-133-1V	Adapter Sleeve #4, 5 Stranded or #3, 4 Solid in A #2 Stranded Mold (38-0207-00)	EA	0.20
B-133-2C	Adapter Sleeve for #2 Stranded or #1 Solid in A 1/0 Mold (38-0203-00)	EA	0.30
B-133-2Q	Adapter Sleeve #2/0, 1/0 Stranded or 3/0 Solid in A 4/0 Stranded Mold (38-0240-00)	EA	0.70



Propane Torch Head and Bottle (GC-EXO-ACC-01)

Self-igniting propane torch head. Squeeze control for instant flame. Fits all standard 14 and 16 oz. propane cylinders.

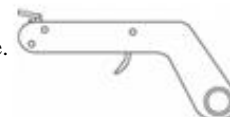
Item #	Description	Unit	Wt (lb)
5709	Self Igniting Torch Head - Bernzomatic	EA	1.20
5710	Turner Disposable Propane Fuel 14.1 Oz Bottle	EA	1.90



Exothermic Flint Gun (GC-EXO-ACC-03)

Flint gun is used to ignite the starting material when making an exothermic connection. Replacement flints are also available.

Item #	Description	Unit	Wt (lb)
T-320	Flint Gun (38-0309-00)	EA	1.00
T-320A	Replacement Flint (38-0309-01)	EA	1.00
B321-30	30" Flint Gun Extension - Extension Attaches to a T-320 Flint Gun and Allows Installer to be 30" from the Mold While Igniting	EA	2.10



Exothermic Mold Cleaning Brush (GC-EXO-ACC-04)

Removes slag from molds - especially vertical split molds.

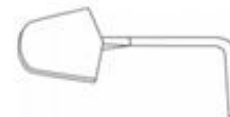
Item #	Description	Unit	Wt (lb)
T-394	Mold Cleaning Brush (large Mold Cleaning Brush) (38-3922-00)	EA	1.00



Exothermic Slag Removal Spade (GC-EXO-ACC-05)

Slag removal spades are used to remove the slag after making an exothermic connection.

Item #	Description	Unit	Wt (lb)
B-136A	Slag Removal Spade- #65 Wm and Smaller (40-0319-03)	EA	0.20
B-136B	Slag Removal Spade- #90 Wm and Lgr (40-0319-05)	EA	0.30



Exothermic Mold Sealer (GC-EXO-ACC-06)

Ideal for sealing hot or cold molds to retard leakage from large stranded conductors. It is required on certain molds such as types HA, HB, HC, VG and VN.

Item #	Description	Unit	Wt (lb)
T-403	2 lb of Cadweld Mold Sealer (Duc Seal) (38-4129-00)	EA	1.00
5799	Duc Seal 1 lb Package	EA	1.00



Exothermic Copper Wrap Sleeves (GC-EXO-ACC-07)

The copper wrap sleeve is used to wrap around the cable until the diameter is the same as the cable opening in the mold.

Item #	Description	Unit	Wt (lb)
B-140-A	Copper Wrap Sleeves (38-0329-00)	EA	0.03



Exothermic Ceramic Fiber Rebar Packing (GC-EXO-ACC-08)

Packing is needed on all rebar connections or where the weld is made to an irregular surface. The packing keeps the weld metal inside the mold area providing a proper exothermic weld. Used between the mold and the rebar or irregular surface.

Item #	Description	Unit	Wt (lb)
B-143-A	Ceramic Packing (38-4061-00)	EA	0.40
B-143-B	Ceramic Packing 20 Per Package (38-4061-00)	EA	0.25
B-144-A	Ceramic Fiber Packing (38-4062-00)	EA	0.40
B-144-C	Ceramic Fiber Packing	EA	0.40



Exothermic Tinned Copper Sleeves for Special Applications (GC-EXO-ACC-09)

Tinned copper sleeves protect light wire and braided wire during exothermic welding to create a superior bond.

Item #	Description	Unit	Wt (lb)
S09F	Sleeve for #2 Stranded or 3/4" Flexible Strap	EA	0.30
S429F2E16	Sleeve for Cadweld Mold - Fits 1" Flex Braid or 1/0 Welding Wire	EA	0.20
S429F2J16	Sleeve for Thermoweld Mold - Fits 1" Flex Braid or 2/0 Welding Wire	EA	0.30
S429F2S-16	Sleeve for 4/0 Welding Cable	EA	0.40



Grounding Straps - Flexible (GC-GRSTRP-01)

A flexible grounding strap designed to bond across two metal objects when movement is a concern. It is highly effective in areas where vibration or expansion and contraction are factors in grounding metal bodies (For example: fence gates, steel framing, metal doors, etc.).

Item #	Description	Unit	Wt (lb)
1220	Copper 3/4" x 12" Flexible Bonding Strap with One-Hole Lug on Each End	EA	0.20
1223	Copper 1/2" x 12" Flexible Bonding Strap with 2 - Hole Lug on Each End 5/16" Holes Spaced 1-3/4"	EA	0.20
1225	Copper 3/4" x 15-1/2" Flexible Bonding Strap with 2 - Hole Lug on Each End 3/8" Holes Spaced 1-3/4"	EA	0.20
1230	Copper 1" x 12-1/2" Flexible Bonding Strap with One Hole Lug on Each End 3/8" Holes	EA	0.40
1231	Copper 1" x 15-1/2" Flexible Bonding Strap with Two Hole Lug on Each End 3/8" Holes Spaced 1-3/4"	EA	0.50
1232	Copper 1" x 24" Flexible Bonding Strap with One Hole Lug on Each End 3/8" Holes	EA	0.70
1220T	Tinned Copper 3/4" x 12" Flexible Bonding Strap with One- Hole Lug on Each End	EA	0.20
1223T	Tinned Copper 1/2" x 12" Flexible Bonding Strap with 2 - Hole Lug on Each End 5/16" Holes Spaced 1-3/4"	EA	0.10
1225T	Tinned Copper 3/4" x 15-1/2" Flexible Bonding Strap with 2 - Hole Lug on Each End 3/8" Holes Spaced 1-3/4"	EA	0.20
1230T	Tinned Copper 1" x 12-1/2" Flexible Bonding Strap with One Hole Lug on Each End 3/8" Holes	EA	0.40
1231T	Tinned Copper 1" x 15-1/2" Flexible Bonding Strap with Two Hole Lug on Each End 3/8" Holes Spaced 1-3/4"	EA	0.50
1232T	Tinned Copper 1" x 24" Flexible Bonding Strap with One Hole Lug on Each End 3/8" Holes	EA	0.70
1233T	Tinned Copper 1" x 36" Flexible Bonding Strap with One Hole Lug on Each End 11/16" Holes	EA	N/A

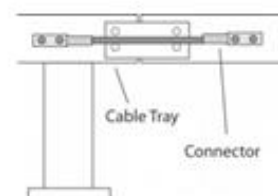


Typical applications

Grounding Jumper - Flexible (GC-GRSTRP-02)

A flexible grounding jumper manufactured for use in grounding cable tray or any application where a flexible connection is needed. The kit utilizes two tinned copper compression lugs with 3/4" hole spacing for easy connection to a wide variety of grounding applications.

Item #	Description	Unit	Wt (lb)
1236	#6 Insulated 12" Long Grounding Jumper with 2-Hole Lug 1/4" Holes on 3/4" Spacing on Each End	EA	0.20
1236-4GI-36	#4 THHN Green Insulated 36" Long Grounding Jumper with 2-Hole Lug 1/4" Holes on 3/4" Spacing on Each End	EA	0.70
1236-4GI-36-KIT	#4 THHN Green Insulated 36" Long Grounding Jumper with 2-Hole Lug 1/4" Holes on 3/4" Spacing on Each End with Stainless Steel Mounting Hardware	EA	0.23



Typical application

Gate Grounding Assembly Kit (GC-GRSTRP-03)

A gate grounding assembly with two U-bolt clamps of different diameters which allow for gate and fence post connections. The kit utilizes tinned copper flexible braid strap and tinned copper lugs. U-bolts are stainless steel to insure metal compatibility.

Item #	Description	Unit	Wt (lb)
1234	Tinned Copper/Stainless Steel Gate Jumper Assembly Kit - 1" x 24" Flex for Up to 2" OD Gate Frame and Fence Post Maximum Diameter of 3-3/4"	EA	1.40
1235	Tinned Copper/Stainless Steel Gate Jumper Assembly Kit - 1" x 24" Flex for Up to 2" OD Gate Frame and Fence Post Maximum Diameter of 4-3/4"	EA	1.50



Typical application

Gate Grounding Assembly Kit with Compression Lug (GC-GRSTRP-04)

A gate grounding assembly with two U-bolt clamps of different diameters which allow for gate and fence post connections. The kit utilizes tinned copper flexible braided strap and includes a #2 solid tinned two hole long barrel compression lug with a white color code. The kits include stainless steel brackets and hardware.

Item #	Description	Unit	Wt (lb)
1234-1	Tinned Copper/Stainless Steel Gate Jumper Assembly Kit with #2 Compression Lug - 1" x 24" Flex for Up to 2" OD Gate Frame and Fence Post Maximum Diameter of 3-3/4"	EA	2.00
1235-1	Tinned Copper/Stainless Steel Gate Jumper Assembly Kit with #2 Compression Lug - 1" x 24" Flex for Up to 2" OD Gate Frame and Fence Post Maximum Diameter of 4-3/4"	EA	2.20



Typical application

Gate Grounding Jumper for Exothermic Welds (GC-GRSTRP-05) A flexible grounding connector manufactured for use with standard 2/0 and 4/0 exothermic welding molds. The multi-stranded copper conductor is black neoprene insulated. Each end is modified, as shown, for easy field welding.

Item #	Description	Unit	Wt (lb)
1238	2/0 Flexible Gate Jumper 2' Long (fits Standard 2/0 Molds)	EA	1.10
1239	4/0 Flexible Gate Jumper 2' Long (fits Standard 4/0 Molds)	EA	1.60



Typical application

Test Wells - Double Wall High Traffic Area (GC-TW-01)

ALT's double wall HDPE high traffic area ground test well is constructed of lightweight, ribbed, double wall plastic for superior stability in high traffic areas. The well can be easily cut on site for shallow well sites. It can also be drilled, or otherwise modified to allow entry of additional cables or grounds by cutting notches or holes in the sides. Each testwell comes with a cast iron lid marked "Ground" and has a cast iron ring to support the lid. Lids with security bolts may be ordered by adding the suffix "-1" when ordering.

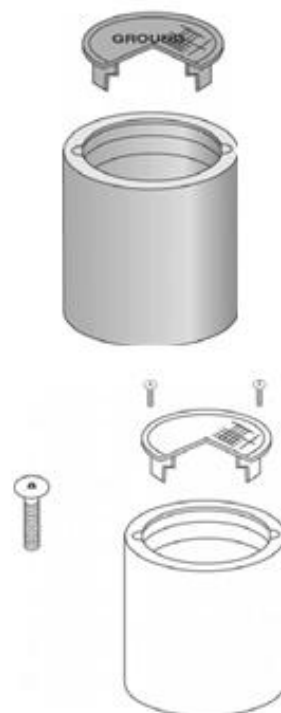
Item #	Description	Unit	Wt (lb)
3180-12	12" Deep Corrugated Black Plastic Test Well with Cast Iron Ring and Lid	EA	25.00
3180-18	18" Deep Corrugated Black Plastic Test Well with Cast Iron Ring and Lid	EA	26.00
3180-12-1	12" Deep Corrugated Black Plastic Test Well with Cast Iron Ring and Lid with Security Lid	EA	27.00
3180-24	24" Deep Corrugated Black Plastic Test Well with Cast Iron Ring and Lid	EA	27.00
3180-30	30" Deep Corrugated Black Plastic Test Well with Cast Iron Ring and Lid	EA	28.00
3180-36	36" Deep Corrugated Black Plastic Test Well with Cast Iron Ring and Lid	EA	29.00
3180-18-1	18" Deep Corrugated Black Plastic Test Well with Cast Iron Ring and Lid with Security Lid	EA	N/A
3180-24-1	24" Deep Corrugated Black Plastic Test Well with Cast Iron Ring and Lid with Security Lid	EA	N/A
3180-30-1	30" Deep Corrugated Black Plastic Test Well with Cast Iron Ring and Lid with Security Lid	EA	N/A
3180-36-1	36" Deep Corrugated Black Plastic Test Well with Cast Iron Ring and Lid with Security Lid	EA	29.00



Test Wells - Heavy Duty (GC-TW-02)

ALT's heavy duty test well is constructed from 12-3/4" OD schedule 80 PVC or steel. Each test well comes with a cast iron lid marked "Ground" and has a cast iron ring to support the lid. Lids with security bolts may be ordered by adding the suffix "-1" when ordering.

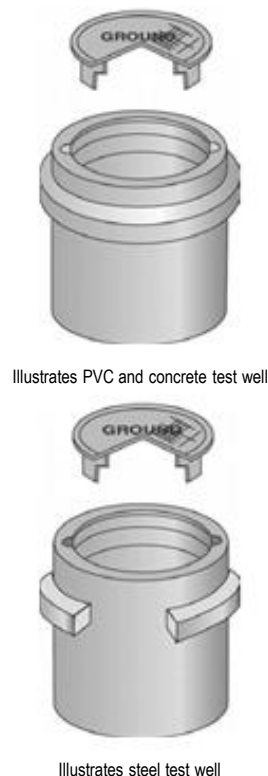
Item #	Description	Unit	Wt (lb)
3100	12" x 12" Dia Heavy Duty Test Well PVC Schedule 80	EA	40.00
3102	12" x 12" Dia Heavy Duty Steel Test Well	EA	56.00
3120	18" x 12" Dia Heavy Duty Schedule 80 PVC Test Well	EA	49.00
3122	18" x 12" Dia Heavy Duty Steel Test Well	EA	73.00
3140	24" x 12" Dia Heavy Duty Schedule 80 PVC Test Well	EA	67.00
3142	24" x 12" Dia Heavy Duty Steel Test Well	EA	90.00
3145	30" x 12" Dia Heavy Duty Schedule 80 PVC Test Well	EA	N/A
3160	36" x 12" Dia Heavy Duty Schedule 80 PVC Test Well	EA	75.00
3162	36" x 12" Dia Heavy Duty Steel Test Well	EA	123.00
3179	42" x 12" Dia Heavy Duty Schedule 80 PVC Test Well	EA	N/A
3100-48	48" x 12" Dia Heavy Duty Test Well PVC Schedule 80	EA	N/A
3100-1	12" x 12" Dia Heavy Duty Test Well PVC Schedule 80 with Security Cover	EA	N/A
3102-1	12" x 12" Dia Heavy Duty Steel Test Well with Security Cover	EA	56.00
3120-1	18" x 12" Dia Heavy Duty Schedule 80 PVC Test Well with Security Cover	EA	N/A
3122-1	18" x 12" Dia Heavy Duty Steel Test Well with Security Cover	EA	73.00
3140-1	24" x 12" Dia Heavy Duty Schedule 80 PVC Test Well with Security Cover	EA	67.50
3142-1	24" x 12" Dia Heavy Duty Steel Test Well with Security Cover	EA	90.00
3160-1	36" x 12" Dia Heavy Duty Schedule 80 PVC Test Well with Security Cover	EA	N/A
3179-1	42" x 12" Dia Heavy Duty Schedule 80 PVC Test Well with Security Cover	EA	N/A
3162-1	36" x 12" Dia Heavy Duty Steel Test Well with Security Cover	EA	123.00



Test Wells - Heavy Duty High Traffic Area (GC-TW-03)

ALT's heavy duty high traffic area test well is constructed from 12-3/4" OD schedule 80 PVC, steel or concrete. Each test well comes with a cast iron lid marked "Ground" and has a cast iron ring to support the lid. Lids with security bolts may be ordered by adding the suffix "-1" when ordering.

Item #	Description	Unit	Wt (lb)
3110	12" x 12" Dia High Traffic Area PVC Schedule 80 Test Well	EA	40.00
3130	18" x 12" Dia High Traffic Area Schedule 80 PVC Test Well	EA	51.00
3150	24" x 12" Dia High Traffic Area Schedule 80 PVC Test Well	EA	69.00
3165	30" x 12" Dia High Traffic Area Schedule 80 PVC Test Well	EA	N/A
3170	36" x 12" Dia High Traffic Area Schedule 80 PVC Test Well	EA	77.00
3175	42" x 12" Dia High Traffic Area Schedule 80 PVC Test Well	EA	80.00
3112	12" x 12" Dia High Traffic Area Steel Test Well	EA	59.00
3132	18" x 12" Dia High Traffic Area Steel Test Well	EA	76.00
3152	24" x 12" Dia High Traffic Area Steel Test Well	EA	93.00
3172	36" x 12" Dia High Traffic Area Steel Test Well	EA	126.00
3114	12" x 12" Dia High Traffic Area Concrete Test Well	EA	80.00
3110-1	12" x 12" Dia High Traffic Area PVC Schedule 80 Test Well with Security Cover	EA	43.00
3130-1	18" x 12" Dia High Traffic Area Schedule 80 PVC Test Well with Security Cover	EA	N/A
3150-1	24" x 12" Dia High Traffic Area Schedule 80 PVC Test Well with Security Cover	EA	N/A
3170-1	36" x 12" Dia High Traffic Area Schedule 80 PVC Test Well with Security Cover	EA	77.00
3175-1	42" x 12" Dia High Traffic Area Schedule 80 PVC Test Well with Security Lid	EA	N/A
3112-1	12" x 12" Dia High Traffic Area Steel Test Well with Security Cover	EA	59.00
3132-1	18" x 12" Dia High Traffic Area Steel Test Well with Security Cover	EA	76.00
3152-1	24" x 12" Dia High Traffic Area Steel Test Well with Security Cover	EA	93.00
3172-1	36" x 12" Dia High Traffic Area Steel Test Well with Security Cover	EA	126.00
3114-1	12" x 12" Dia High Traffic Area Concrete Test Well with Security Cover	EA	80.00



Test Wells - Standard Ground (GC-TW-04)

ALT's standard test well is constructed from 12-3/4" OD schedule 40 PVC. Each test well includes a cast iron lid marked "Ground" and a cast iron ring to support the lid. Lids with security bolts may be ordered by adding the suffix "-1" when ordering.

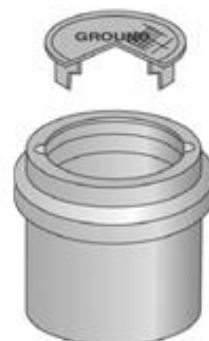
Item #	Description	Unit	Wt (lb)
3101	12" x 12" Dia Standard Schedule 40 PVC Test Well with Cast Iron Lid	EA	34.00
3121	18" x 12" Dia Standard Schedule 40 PVC Test Well with Cast Iron Lid	EA	40.00
3141	24" x 12" Dia Standard Schedule 40 PVC Test Well with Cast Iron Lid	EA	44.00
3155	30" x 12" Dia Standard Schedule 40 PVC Test Well with Cast Iron Lid	EA	48.00
3161	36" x 12" Dia Standard Schedule 40 PVC Test Well with Cast Iron Lid	EA	53.00
3101-1	12" x 12" Dia Standard Schedule 40 PVC Test Well with Cast Iron Lid and with Security Cover	EA	N/A
3121-1	18" x 12" Dia Standard Schedule 40 PVC Test Well with Cast Iron Lid and with Security Cover	EA	N/A
3141-1	24" x 12" Dia Standard Schedule 40 PVC Test Well with Cast Iron Lid and with Security Cover	EA	N/A
3155-1	30" x 12" Dia Standard Schedule 40 PVC Test Well with Cast Iron Lid and with Security Cover	EA	N/A
3161-1	36" x 12" Dia Standard Schedule 40 PVC Test Well with Cast Iron Lid and with Security Cover	EA	N/A



Test Wells - Standard High Traffic Area (GC-TW-05)

ALT's standard high traffic area test well is constructed from 12-3/4" OD schedule 40 PVC. Each test well includes a cast iron lid marked "Ground" and a cast iron ring to support the lid. Lids with security bolts may be ordered by adding the suffix "-1" when ordering.

Item #	Description	Unit	Wt (lb)
3111	12" x 12" Dia Standard High Traffic Area Schedule 40 PVC Test Well with Cast Iron Lid	EA	36.00
3131	18" x 12" Dia Standard High Traffic Area Schedule 40 PVC Test Well with Cast Iron Lid	EA	40.00
3151	24" x 12" Dia Standard High Traffic Area Schedule 40 PVC Test Well with Cast Iron Lid	EA	45.00
3157	30" x 12" Dia Standard High Traffic Area Schedule 40 PVC Test Well with Cast Iron Lid	EA	50.00
3171	36" x 12" Dia Standard High Traffic Area Schedule 40 PVC Test Well with Cast Iron Lid	EA	55.00
3111-1	12" x 12" Dia Standard High Traffic Area Schedule 40 PVC Test Well with Cast Iron Lid and with Security Cover	EA	N/A
3131-1	18" x 12" Dia Standard High Traffic Area Schedule 40 PVC Test Well with Cast Iron Lid and with Security Cover	EA	N/A
3151-1	24" x 12" Dia Standard High Traffic Area Schedule 40 PVC Test Well with Cast Iron Lid and with Security Cover	EA	42.74
3157-1	30" x 12" Dia Standard High Traffic Area Schedule 40 PVC Test Well with Cast Iron Lid and with Security Cover	EA	N/A
3171-1	36" x 12" Dia Standard High Traffic Area Schedule 40 PVC Test Well with Cast Iron Lid and with Security Cover	EA	N/A



Test Wells - Concrete Test Well Extension (GC-TW-06)

Test well extension for heavy duty concrete test wells. The extension is the same as the concrete heavy duty test well without lid or cast iron lid support. Extensions are stackable to allow lengthening of concrete test wells.

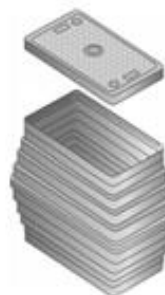
Item #	Description	Unit	Wt (lb)
3184	12" x 12" Dia Concrete Test Well Extension	EA	43.00



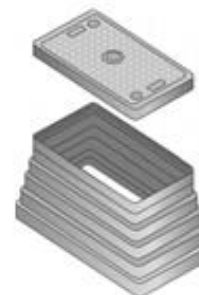
Test Wells - Structural Plastic (GC-TW-07)

Ground test wells are constructed of HDPE plastic and include a steel lid. Two hex bolts are provided to secure the lid.

Item #	Description	Unit	Wt (lb)
3193	17" x 30" x 30" Deep Plastic Test Well with Galvanized Steel Cover and Hardware	EA	72.00
3194	Heavy Duty Plastic Test Well 17 x 30 x 18 with Steel Cover	EA	56.00



Illustrates the 3193

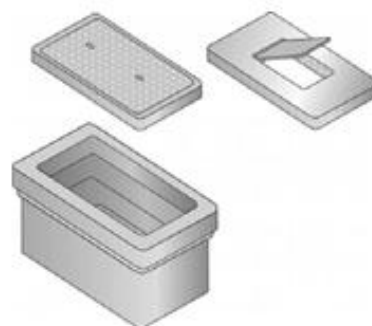


Illustrates the 3194

Test Wells - Rectangular Concrete (GC-TW-08)

A concrete ground test well manufactured with inner welded wire frame for strength. The test well may be ordered with a galvanized steel lid or a concrete lid with cast iron inspection flap. Both lids are marked "Ground".

Item #	Description	Unit	Wt (lb)
3195-CL	Concrete Test Well with Concrete Lid Marked "GROUND" Test Well Dimensions: 22-3/4" x 15-3/4" x 12"	EA	105.00
3195-IL	Concrete Test Well with Galvanized Steel Lid Marked "GROUND" - Test Well Dimensions: 22-3/4" x 15-3/4" x 12"	EA	107.00
3195-E	Concrete Test Well Extension 22 3/4" x 15 3/4" x 12"	EA	80.00



Test Wells - Schedule 40 PVC (GC-TW-09)

A ground test wells made of 10-3/4" and 18-3/4" OD PVC with a galvanized steel lid. Lid has offset lift hole and positioning tabs.

Item #	Description	Unit	Wt (lb)
3198-12	12" Deep Schedule 40 PVC Economy Test Well with Galvanized Steel Lid	EA	13.98
3198-18	18" Deep Schedule 40 PVC Economy Test Well with Galvanized Steel Lid	EA	18.00
3198-24	24" Deep Schedule 40 PVC Economy Test Well with Galvanized Steel Lid	EA	22.52
3198-30	30" Deep Schedule 40 PVC Economy Test Well with Galvanized Steel Lid	EA	26.00
3198-36	36" Deep Schedule 40 PVC Economy Test Well with Galvanized Steel Lid	EA	32.00
3198-48	48" Deep Schedule 40 PVC Economy Test Well with Galvanized Steel Lid	EA	38.00
3190-12	12" x 18" Dia PVC Test Well with Galvanized Steel Lid	EA	30.00
3190-24	24" x 18" Dia PVC Test Well with Galvanized Steel Lid	EA	59.00
3190-24-1	24" x 18" Dia PVC Test Well with Galvanized Steel Security Lid	EA	N/A
3190-30	30" x 18" Dia PVC Test Well with Galvanized Steel Lid	EA	74.00
3190-36	36" x 18" Dia PVC Test Well with Galvanized Steel Lid	EA	89.00



Test Wells - Corrugated Economy with Galvanized Lid (GC-TW-10)

Item #	Description	Unit	Wt (lb)
3197-12	12" Deep Corrugated Black Plastic Economy Test Well with Galvanized Steel Lid	EA	15.00
3197-18	18" Deep Corrugated Black Plastic Economy Test Well with Galvanized Steel Lid	EA	19.00
3197-24	24" Deep Corrugated Black Plastic Economy Test Well with Galvanized Steel Lid	EA	23.00
3197-30	30" Deep Corrugated Black Plastic Economy Test Well with Galvanized Steel Lid	EA	27.00
3197-36	36" Deep Corrugated Black Plastic Economy Test Well with Galvanized Steel Lid	EA	31.00
3191-12	18" Diameter x 12" Deep Corrugated Black Plastic Economy Test Well with Galvanized Steel Lid	EA	27.00
3191-24	18" Diameter x 24" Deep Corrugated Black Plastic Economy Test Well with Galvanized Steel Lid	EA	33.00
3191-30	18" Diameter x 30" Deep Corrugated Black Plastic Economy Test Well with Galvanized Steel Lid	EA	36.00
3191-36	18" Diameter x 36" Deep Corrugated Black Plastic Economy Test Well with Galvanized Steel Lid	EA	39.00



Testing Equipment (GC-TEQ)

Equipment is available to test all parts of a grounding system, including bonding continuity, soil resistivity, resistance to ground or ground rods and grids, and touch potentials.

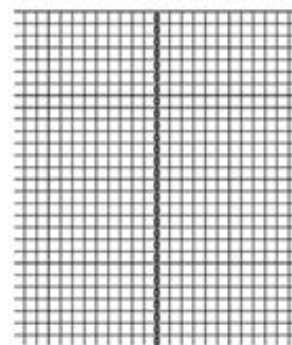
Item #	Description	Unit	Wt (lb)
6100-3640	Aemc 3640 Kit - Measures Ground Resistance (2 and 3 Point), Includes: Meter, One 16 Ft Lead, Two 150 Ft Leads on Spools with Wind Up Handles, Two T-Shaped Ground Rods, Molded Hard Carrying Case, Batteries and User Manual	EA	2.90
6100-3711	Aemc 3711 Clamp-On Ground Resistance Tester Kit includes: Meter, Calibration Checker, 1 - 9v Battery, and Carrying Case	EA	2.20
6100-4610	Aemc 4610 Kit - Measures Ground Resistance (2 and 3 Point) and Soil Resistivity Test (4 Point) Includes: Meter, EA One 16 Ft Lead, One 90 Ft Lead, Two 300 Ft Leads on Reels , Four T-Shaped Ground Rods, Hard Carrying Case, Batteries and User Manual	EA	3.50
6100-EST101	Hand Held Earth Ground Tester, 2-Pole Resistance; 3-Pole Ground Resistance Measurements @128 Hz include EA Meter, 2 - 14" Ground Stakes, 2 - Cable Reels (1x82' and 1x164'), 3 - Test Leads, 2 - Alligator Clips, 9v Battery , Ground to Neutral Adapter and Carry Case	EA	3.20
6100-EST201	Earth/Ground System Tester Kit, 2-Pole Ac Resistance; 3-Pole Ground/Earth Resistance Measurements, 4-Pole EA Resistivity includes: Meter, 4 - 14" Ground Stakes, 3 - Cable Reels (2x82' and 1x164'), 3 - Test Leads, 2 - Alligator Clips, 6 - 1.5v Battery , and Carry Case	EA	4.30
6100-EST301	Universal Earth/Ground System Tester Kit, 2-Pole(ac,Dc) 4-Pole (dc) Resistance, 3-Pole Ground/Earth Resistance EA 4-Pole Soil Resistivity, Includes: Meter, 4 - 14" Ground Stakes, 3 - Cable Reels (2x82' and 1x164'), 3 - Test Leads, 2 - Alligator Clips, 6 - 1.5v Battery , and Carry Case	EA	4.80



Grounding Mats (GC-PFWM-01)

ALT's grounding mats are a convenient, effecient and economical way of improving grounding systems at facilities where large area grounds are required. The wire mesh grounding mats are custom manufactured to your specifications, and can be constructed from solid copper clad steel, pure copper, tinned copper wire, or stainless steel. The long and cross wires of an ALT ground mat are silver brazed at the crossing points. This method provides joints with a breaking strength strong enough to resist separation during installation and strong enough to bear the traffic of heavy vehicles. ALT grounding mats are offered on a square foot bases. Specify length and width

Item #	Description	Unit	Wt (lb)
3304-10SOL	Wire Mesh #10 Solid Copper on 4" Centers	SQFT	0.19
3312-10SOL	Wire Mesh #10 Solid Copper on 12" Centers	SQFT	0.07
3304-8SOL	Wire Mesh #8 Solid Copper on 4" Centers	SQFT	0.33
3306-8SOL	Wire Mesh #8 Solid Copper on 6" Centers	SQFT	0.23
3308-8SOL	Wire Mesh #8 Solid Copper on 8" Centers	SQFT	0.18
3312-8SOL	Wire Mesh #8 Solid Copper on 12" Centers	SQFT	0.12
3304-6SOL	Wire Mesh #6 Solid Copper on 4" Centers	SQFT	0.49
3304-6CC	Wire Mesh #6 Solid Copper Clad on 4" Centers	SQFT	0.44
3306-6SOL	Wire Mesh #6 Solid Copper on 6" Centers	SQFT	0.33
3306-6CC	Wire Mesh #6 Solid Copper Clad on 6" Centers	SQFT	0.29
3308-6SOL	Wire Mesh #6 Solid Copper on 8" Centers	SQFT	0.28
3312-6SOL	Wire Mesh #6 Solid Copper on 12" Centers	SQFT	0.16
3312-6CC	Wire Mesh #6 Solid Copper Clad on 12" Centers	SQFT	0.15
3324-6SOL	Wire Mesh #6 Solid Copper on 24" Centers	SQFT	0.10
3324-6CC	Wire Mesh #6 Solid Copper Clad on 24" Centers	SQFT	0.08
3324-4STR	Wire Mesh #4 Stranded Copper on 24" Centers	SQFT	0.16
3312-2SOL	Wire Mesh #2 Solid Copper on 12" Centers	SQFT	0.48
3348-2TSOL	Wire Mesh #2 Tinned Solid Copper on 48" Centers	SQFT	0.12
3340SS-6	Wire Mesh .250 (#2) Diameter Type 316 Stainless Steel Wire on 6" Centers	SQFT	0.81
3340SS-12	Wire Mesh .250 (#2) Diameter Type 316 Stainless Steel Wire on 12" Centers	SQFT	0.43



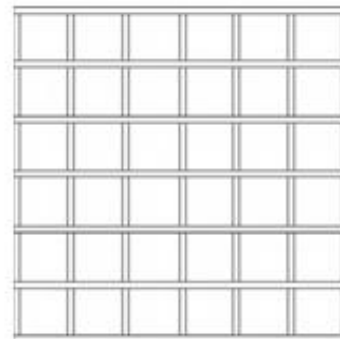
Grounding Mats - Special Application (GC-PFWM-02)

Item #	Description	Unit	Wt (lb)
3306-4X6-10	4' x 6' #6 Solid Copper on 6" Center Ground Mat with #1/0 Solid Copper Center Tail - 1/0 Tail has 12" Overhang on Each End	EA	N/A
3312-6CC-4X6	4' x 6' Wire Mesh Mat - #6 40% Copper Clad Wire on 12" Centers	EA	N/A
3324CC-4X4-1/0	4' x 4' Ground Mat - #6 Copper Clad on 4" Centers with #1/0 Solid Copper Center Tail - 1/0 Tail has 12" Overhang on Each End	EA	8.90
3325-6	Communication Ground Mat 12' x 12', #6 Solid Tinned, 6" Centers, 4/0 Tinned Perimeter, Loops and Pigtails	EA	N/A
3325-7	Communication Ground Mat 12' x 12', #6 Solid Bare, 6" Centers, 4/0 Tinned Perimeter, Loops	EA	N/A
3325-8	Communication Ground Mat 12' x 12', #6 Solid Tinned, 6" Centers, 4/0 Tinned Perimeter, 3 - Loops and 1 -Pigtail	EA	105.00
3325-9	Communication Ground Mat 12' x 12', #6 Solid Tinned, 6" Centers, 4/0 Tinned Perimeter with Loops on Each Corner	EA	N/A
3327CC-2	Grounding Mat #6 - 40% Copper Clad 3' x 445' on 12" Centers	EA	245.00

Signal Reference Grid (GC-SRG)

ALT's signal reference grid (SRG) is custom manufactured to your specifications from 2" x 26 ga. copper strips spaced on 2'-0" centers. The SRG is factory welded at each crossover and furnished in section widths from 4' to 16'. The SRG is shipped in tubes and protected for transporting.

Item #	Description	Unit	Wt (lb)
3350-2	Signal Reference Grid of 2" x 26 Ga Copper - 2'-0" Centers	SQFT	0.17



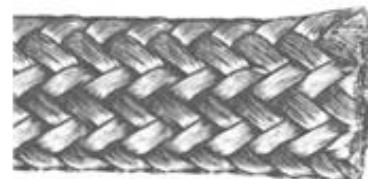
Bonding Conductor - Strap (LP-COND-BND-01)

Item #	Description	Unit	Wt (lb)
94-2	Copper Bonding Strap 2" x .020" (24 Ga.)	FT	0.16
91-34	Copper Bonding Strap 3/4" x .0162" (26 Ga.)	FT	0.06
91-1	Copper Bonding Strap 1" x .0162" (26 Ga.)	FT	0.08
91-2	Copper Bonding Strap 2" x .0162" (26 Ga.)	FT	0.13
91-3	Copper Bonding Strap 3" x .0162" (26 Ga.)	FT	0.20
91-4	Copper Bonding Strap 4" x .0162" (26 Ga.)	FT	0.25
91-6	Copper Bonding Strap 6" x .0162" (26 Ga.)	FT	0.38
91-12	Copper Bonding Strap 12" x .0162" (26 Ga.)	FT	0.76



Bonding Conductor - Flexible Strap (LP-COND-BND-03)

Item #	Description	Unit	Wt (lb)
83	Tinned Copper 1/2" Wide Flex Bonding Strap	FT	0.08
85	Tinned Copper Heavy Duty 3/4" Wide Flex Bonding Strap	FT	0.14
87	Tinned Copper Superior 1" Wide Flex Bonding Strap	FT	0.22
89	Tinned Copper Heavy Duty 1 1/2" Wide Flex Bonding Strap	FT	0.22
A75	Aluminum Heavy Duty 3/4" Wide Flex Bonding Strap	FT	N/A



Bonding Conductor - Woven (LP-COND-BND-04)

Item #	Description	Unit	Wt (lb)
14	14 Strand 17 Ga Copper Bonding Conductor	FT	92.00
A14	10 St 14 Ga Aluminum Bonding Conductor	FT	40.00



Bonding Conductor - Solid (LP-COND-BND-05)

Item #	Description	Unit	Wt (lb)
60	Copper 6 AWG Solid Bonding Conductor - on 315' Spools	FT	0.08
A40	Aluminum #4 AWG Solid Bonding Conductor - on 651' Spools	FT	0.04



Class I Conductors (LP-COND-C1-01)

Item #	Description	Unit	Wt (lb)
129	29 Strand 17 Ga Braided Copper Lightning Conductor - UL Labeled on 500' Spools	FT	190.00
132	32 Strand 17 Ga Copper Lightning Conductor - UL Labeled on 500' Spools	FT	217.00
174	24 Strand 14 Ga Copper Braided Lightning Conductor - UL Labeled on 500' Spools	FT	320.00
129T	29 Strand 17 Ga Tinned Copper Braided Lightning Conductor - UL Labeled on 500' Spools	FT	190.00
132T	32 Strand 17 Ga Tinned Copper Lightning Conductor - UL Labeled on 500' Spools	FT	217.00
A124	24 Strand 14 Ga Aluminum Braided Lightning Conductor - UL Labeled on 500' Spools	FT	102.00
A128	28 Strand 14 Ga Aluminum Rope Lay Lightning Conductor - UL Labeled on 500' Spools	FT	115.00
168	28 Strand 16 Ga Copper Rope Lay Lightning Conductor - UL Labeled on 500' Spools	FT	230.00



Class II Conductors (LP-COND-C2-01)

Item #	Description	Unit	Wt (lb)
228	28 Strand 14 Ga Rope Lay Copper Lightning Conductor - UL Labeled on 250' Spools	FT	385.00
228T	28 Strand 14 Ga Rope Lay Tinned Copper Lightning Conductor - UL on 250' Spools	FT	385.00
228L	28 Strand 14 Ga Rope Lay Lead Covered (1/16" Sheath of Lead) Copper Lightning Conductor - UL	FT	1.39
268	28 Strand .0689 Rope Lay Copper Lightning Conductor - UL on 250' Spools	FT	420.00
288	28 Strand .0865 Rope Lay Copper Lightning Conductor - UL on 250' Spools	FT	660.00
A237	37 Strand 13 Gauge Aluminum Stranded Lightning Conductor - UL on 500' Spools	FT	200.00
A288	28 Strand .0865 Aluminum Rope Lay Lightning Conductor - UL on 500' Spools	FT	202.00



Air Terminals - Solid Copper Blunt Tip (LP-AT-01-02)

Solid Copper Air Terminals are available in 3/8", 1/2", 5/8" and 3/4" diameters and are available in the following finishes: Solid Copper - As Listed in Table Nickel Tipped - Add N to part number Tinned - Add T to part number Full Nickel - Add FN to part number

Item #	Description	Unit	Wt (lb)
310B	3/8" x 10" Blunt Tip Solid Copper Air Terminal - UL Label	EA	0.36
312B	3/8" x 12" Blunt Tip Solid Copper Air Terminal - UL Label	EA	0.43
315B	3/8" x 15" Blunt Tip Solid Copper Air Terminal - UL Label	EA	0.54
318B	3/8" x 18" Blunt Tip Solid Copper Air Terminal - UL Label	EA	0.68
324B	3/8" x 24" Blunt Tip Solid Copper Air Terminal - UL Label	EA	0.86
336B	3/8" x 36" Blunt Tip Solid Copper Air Terminal - UL Label	EA	1.30
348B	3/8" x 48" Blunt Tip Solid Copper Air Terminal - UL Label	EA	1.73
360B	3/8" x 60" Blunt Tip Solid Copper Air Terminal - UL Label	EA	2.16
372B	3/8" x 72" Blunt Tip Solid Copper Air Terminal - UL Label	EA	2.59
410B	1/2" x 10" Blunt Tip Solid Copper Air Terminal - UL Label	EA	0.63
412B	1/2" x 12" Blunt Tip Solid Copper Air Terminal - UL Label	EA	0.76
415B	1/2" x 15" Blunt Tip Solid Copper Air Terminal - UL Label	EA	0.95
418B	1/2" x 18" Blunt Tip Solid Copper Air Terminal - UL Label	EA	1.13
424B	1/2" x 24" Blunt Tip Solid Copper Air Terminal - UL Label	EA	1.51
436B	1/2" x 36" Blunt Tip Solid Copper Air Terminal - UL Label	EA	2.27
448B	1/2" x 48" Blunt Tip Solid Copper Air Terminal - UL Label	EA	3.02
460B	1/2" x 60" Blunt Tip Solid Copper Air Terminal - UL Label	EA	3.78
472B	1/2" x 72" Blunt Tip Solid Copper Air Terminal - UL Label	EA	4.54
496B	1/2" x 96" Blunt Tip Solid Copper Air Terminal - UL Label	EA	6.05
510B	5/8" x 10" Blunt Tip Solid Copper Air Terminal - UL Label	EA	0.99
512B	5/8" x 12" Blunt Tip Solid Copper Air Terminal - UL Label	EA	1.19
518B	5/8" x 18" Blunt Tip Solid Copper Air Terminal - UL Label	EA	1.78
524B	5/8" x 24" Blunt Tip Solid Copper Air Terminal - UL Label	EA	2.38
536B	5/8" x 36" Blunt Tip Solid Copper Air Terminal - UL Label	EA	3.56
548B	5/8" x 48" Blunt Tip Solid Copper Air Terminal - UL Label	EA	4.75
560B	5/8" x 60" Blunt Tip Solid Copper Air Terminal - UL Label	EA	5.94
572B	5/8" x 72" Blunt Tip Solid Copper Air Terminal - UL Label	EA	7.13
596B	5/8" x 96" Blunt Tip Solid Copper Air Terminal - UL Label	EA	9.51
618B	3/4" x 18" Blunt Tip Solid Copper Air Terminal - UL Label	EA	2.60
624B	3/4" x 24" Blunt Tip Solid Copper Air Terminal - UL Label	EA	3.41
636B	3/4" x 36" Blunt Tip Solid Copper Air Terminal - UL Label	EA	5.11
648B	3/4" x 48" Blunt Tip Solid Copper Air Terminal - UL Label	EA	6.82
660B	3/4" x 60" Blunt Tip Solid Copper Air Terminal - UL Label	EA	8.52
672B	3/4" x 72" Blunt Tip Solid Copper Air Terminal - UL Label	EA	10.22
684B	3/4" x 84" Blunt Tip Solid Copper Air Terminal - UL Label	EA	11.93
696B	3/4" x 96" Blunt Tip Solid Copper Air Terminal - UL Label	EA	13.80

Air Terminals - Solid Copper Taper Tip (LP-AT-01-01)

Solid Copper Air Terminals are available in 3/8", 1/2", 5/8" and 3/4" diameters and are available in the following finishes: Solid Copper - As Listed in Table Nickel Tipped - Add N to part number Tinned - Add T to part number Full Nickel - Add FN to part number

Item #	Description	Unit	Wt (lb)
310	3/8" x 10" Solid Copper Air Terminal - UL Label	EA	0.36
312	3/8" x 12" Solid Copper Air Terminal - UL Label	EA	0.43
315	3/8" x 15" Solid Copper Air Terminal - UL Label	EA	0.54
318	3/8" x 18" Solid Copper Air Terminal - UL Label	EA	0.68
324	3/8" x 24" Solid Copper Air Terminal - UL Label	EA	0.86
336	3/8" x 36" Solid Copper Air Terminal - UL Label	EA	1.30
348	3/8" x 48" Solid Copper Air Terminal - UL Label	EA	1.73
360	3/8" x 60" Solid Copper Air Terminal - UL Label	EA	2.16
372	3/8" x 72" Solid Copper Air Terminal - UL Label	EA	2.59
410	1/2" x 10" Solid Copper Air Terminal - UL Label	EA	0.63
412	1/2" x 12" Solid Copper Air Terminal - UL Label	EA	0.76
415	1/2" x 15" Solid Copper Air Terminal - UL Label	EA	0.95
418	1/2" x 18" Solid Copper Air Terminal - UL Label	EA	1.13
424	1/2" x 24" Solid Copper Air Terminal - UL Label	EA	1.40
436	1/2" x 36" Solid Copper Air Terminal - UL Label	EA	2.27
448	1/2" x 48" Solid Copper Air Terminal - UL Label	EA	3.02
460	1/2" x 60" Solid Copper Air Terminal - UL Label	EA	3.78
472	1/2" x 72" Solid Copper Air Terminal - UL Label	EA	4.54
510	5/8" x 10" Solid Copper Air Terminal - UL Label	EA	0.99
512	5/8" x 12" Solid Copper Air Terminal - UL Label	EA	1.19
518	5/8" x 18" Solid Copper Air Terminal - UL Label	EA	1.78
524	5/8" x 24" Solid Copper Air Terminal - UL Label	EA	2.38
536	5/8" x 36" Solid Copper Air Terminal - UL Label	EA	3.56
548	5/8" x 48" Solid Copper Air Terminal - UL Label	EA	4.75
560	5/8" x 60" Solid Copper Air Terminal - UL Label	EA	5.94
572	5/8" x 72" Solid Copper Air Terminal - UL Label	EA	7.13
596	5/8" x 96" Solid Copper Air Terminal - UL Label	EA	9.51
612	3/4" x 12" Solid Copper Air Terminal - UL Label	EA	1.73
624	3/4" x 24" Solid Copper Air Terminal - UL Label	EA	3.41
636	3/4" x 36" Solid Copper Air Terminal - UL Label	EA	5.11
648	3/4" x 48" Solid Copper Air Terminal - UL Label	EA	6.82
660	3/4" x 60" Solid Copper Air Terminal - UL Label	EA	8.52
672	3/4" x 72" Solid Copper Air Terminal - UL Label	EA	10.22
684	3/4" x 84" Solid Copper Air Terminal - UL Label	EA	11.93
696	3/4" x 96" Solid Copper Air Terminal - UL Label	EA	13.63

Air Terminals - Aluminum Blunt Tip (LP-AT-02-02)

Item #	Description	Unit	Wt (lb)
A410B	1/2" x 10" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.20
A412B	1/2" x 12" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.22
A415B	1/2" x 15" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.31
A418B	1/2" x 18" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.34
A424B	1/2" x 24" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.46
A436B	1/2" x 36" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.69
A448B	1/2" x 48" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.92
A460B	1/2" x 60" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	1.15
A472B	1/2" x 72" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	1.38
A496B	1/2" x 96" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	1.84
A510B	5/8" x 10" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.31
A512B	5/8" x 12" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.46
A518B	5/8" x 18" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.55
A524B	5/8" x 24" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	0.74
A536B	5/8" x 36" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	1.10
A548B	5/8" x 48" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	1.47
A560B	5/8" x 60" Blunt Tip Solid Aluminum Air Terminal - UL Label	EA	1.94

Air Terminals - Aluminum Taper Tip (LP-AT-02-01)

Item #	Description	Unit	Wt (lb)
A410	1/2" x 10" Solid Aluminum Air Terminal - UL Label	EA	0.20
A412	1/2" x 12" Solid Aluminum Air Terminal - UL Label	EA	0.24
A415	1/2" x 15" Solid Aluminum Air Terminal - UL Label	EA	0.29
A418	1/2" x 18" Solid Aluminum Air Terminal - UL Label	EA	0.35
A424	1/2" x 24" Solid Aluminum Air Terminal - UL Label	EA	0.47
A436	1/2" x 36" Solid Aluminum Air Terminal - UL Label	EA	0.71
A448	1/2" x 48" Solid Aluminum Air Terminal - UL Label	EA	0.94
A460	1/2" x 60" Solid Aluminum Air Terminal - UL Label	EA	1.18
A472	1/2" x 72" Solid Aluminum Air Terminal - UL Label	EA	1.41
A510	5/8" x 10" Solid Aluminum Air Terminal - UL Label	EA	0.31
A512	5/8" x 12" Solid Aluminum Air Terminal - UL Label	EA	0.46
A518	5/8" x 18" Solid Aluminum Air Terminal - UL Label	EA	0.55
A524	5/8" x 24" Solid Aluminum Air Terminal - UL Label	EA	0.74
A536	5/8" x 36" Solid Aluminum Air Terminal - UL Label	EA	1.10
A548	5/8" x 48" Solid Aluminum Air Terminal - UL Label	EA	1.47
A560	5/8" x 60" Solid Aluminum Air Terminal - UL Label	EA	1.94



Air Terminals - Stainless Steel Blunt Tip (LP-AT-03-02)

Item #	Description	Unit	Wt (lb)
418BSS	1/2" x 18" Blunt Tip Stainless Steel Air Terminal- UL Label	EA	1.01
418-1BSS	1/2" x 18" Blunt Tip Stainless Steel Air Terminal With 2" of Threads - UL Labeled	EA	0.67
424BSS	1/2" x 24" Blunt Tip Stainless Steel Air Terminal- UL Label	EA	1.34
436BSS	1/2" x 36" Blunt Tip Stainless Steel Air Terminal - UL Label	EA	2.00
448BSS	1/2" x 48" Blunt Tip Stainless Steel Air Terminal - UL Label	EA	2.67
518BSS	5/8" x 18" Blunt Tip Stainless Steel Air Terminal- UL Label	EA	1.78
524BSS	5/8" x 24" Blunt Tip Stainless Steel Air Terminal- UL Label	EA	2.38



Air Terminals - Stainless Steel Taper Tip (LP-AT-03-01)

Item #	Description	Unit	Wt (lb)
418SS	1/2" x 18" Stainless Steel Air Terminal- UL Label	EA	1.01
424SS	1/2" x 24" Stainless Steel Air Terminal- UL Label	EA	1.34
436SS	1/2" x 36" Stainless Steel Air Terminal - UL Label	EA	2.00
448SS	1/2" x 48" Stainless Steel Air Terminal- UL Label	EA	2.69
618SS	3/4" x 18" Stainless Steel Air Terminal- UL Label	EA	2.27

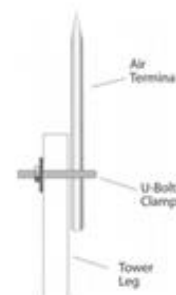


Air Terminals - Copper Clad with No Threads (LP-AT-SP-02)

A high quality 60" copper clad steel air terminal with no threads and a cold galvanized tip. Typically used in tower applications and mounted to tower legs with U-bolt clamps (not included).

Item #	Description	Unit	Wt (lb)
561	5/8" x 60" Copper Clad Steel Air Terminal with Cold Galvanized Tip - No Threads	EA	4.25
661	3/4" x 60" Copper Clad Steel Air Terminal with Cold Galvanized Tip - No Threads	EA	

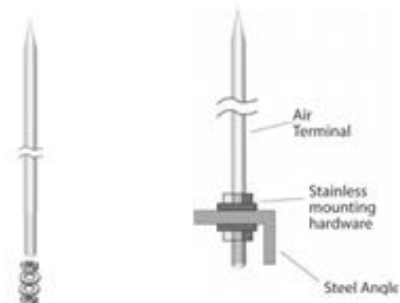
6.35 Typical application



Air Terminals - Copper Clad (LP-AT-SP-03)

A high quality 5/8" x 96" copper clad steel air terminal with 3" of 1/2" threads and a cold galvanized tip. Typically used in tower applications and mounted with stainless steel hardware (included).

Item #	Description	Unit	Wt (lb)
596-1	5/8" x 96" Copper Clad Steel Air Term with Cold Galvanized Tip - 3" of 1/2" Threads, Stainless Steel Nuts and Washers	EA	7.00



Typical application

Air Terminals - Flexible Spring (LP-AT-SP-04)

A solid air terminal mounted with a stainless steel spring. Adapter fits male bases. Perfect for use where window washing or other movable equipment conflicts with fixed air terminals.

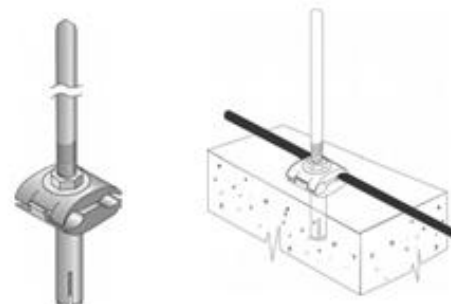
Item #	Description	Unit	Wt (lb)
720	1/2" x 12" Solid Copper Flexible Spring Air Terminal - UL Label	EA	0.75
722	1/2" x 18" Solid Copper Flexible Spring Air Terminal - UL Label	EA	1.15
724	1/2" x 24" Solid Copper Flexible Spring Air Terminal - UL Label	EA	1.54
730	5/8" x 12" Solid Copper Flexible Spring Air Terminal - UL Label	EA	1.25
735	5/8" x 18" Solid Copper Flexible Spring Air Terminal - UL Label	EA	1.90
738	5/8" x 24" Solid Copper Flexible Spring Air Terminal - UL Label	EA	2.50
A720	1/2" x 12" Solid Aluminum Flexible Spring Air Terminal - UL Label	EA	0.23
A722	1/2" x 18" Solid Aluminum Flexible Spring Air Terminal - UL Label	EA	0.35
A724	1/2" x 24" Solid Aluminum Flexible Spring Air Terminal - UL Label	EA	0.47
A730	5/8" x 12" Solid Aluminum Flexible Spring Air Terminal - UL Label	EA	0.50
A735	5/8" x 18" Solid Aluminum Flexible Spring Air Terminal - UL Label	EA	0.70
A738	5/8" x 24" Solid Aluminum Flexible Spring Air Terminal - UL Label	EA	0.80



Masonry Air Terminal/Base Assembly (LP-AT-SP-07)

An air terminal assembly consisting of an air terminal, bolt type conductor connector and masonry mount. The air terminal included in this kit has extra threads and resists breakage.

Item #	Description	Unit	Wt (lb)
771	Masonry Air Terminal/Base Assembly Kit with 3/8" x 12" Blunt Tip Copper Point	EA	0.85
772	Masonry Air Terminal/Base Assembly Kit with 1/2" x 12" Blunt Tip Copper Point	EA	1.25
A772	Masonry Air Terminal/Base Assembly Kit with 1/2" x 12" Blunt Tip Aluminum Point	EA	0.50
A773	Masonry Air Terminal/Base Assembly Kit with 5/8" x 12" Blunt Tip Aluminum Point	EA	0.75

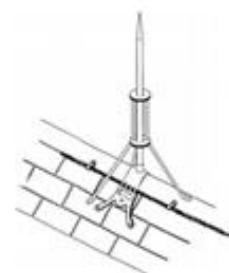


Typical application

Air Terminal Braces (LP-AT-BRC-01)

A galvanized steel tripod brace for use with long air terminals up to 5/8" in diameter. Also available with copper or aluminum feet for adhesive mounting.

Item #	Description	Unit	Wt (lb)
2210	18" Point Brace	EA	0.95
2220	24" Point Brace	EA	1.27
2230	36" Point Brace	EA	1.82
2230-48	48" Point Brace	EA	2.37
2230-60	60" Point Brace	EA	2.92
2230-72	72" Point Brace	EA	3.47
2215	18" Point Brace with Copper Adhesive Feet	EA	1.32
2225	24" Point Brace with Copper Adhesive Feet	EA	1.64
2235	36" Point Brace with Copper Adhesive Feet	EA	2.28
2235-48	48" Point Brace with Copper Adhesive Feet	EA	2.83
2235-60	60" Point Brace with Copper Adhesive Feet	EA	3.38
2235-72	72" Point Brace with Copper Adhesive Feet	EA	3.93
A2215	18" Point Brace with Aluminum Adhesive Feet	EA	1.05
A2225	24" Point Brace with Aluminum Adhesive Feet	EA	1.40
A2235	36" Point Brace with Aluminum Adhesive Feet	EA	1.93
A2235-48	48" Point Brace with Aluminum Adhesive Feet	EA	2.48
A2235-60	60" Point Brace with Aluminum Adhesive Feet	EA	3.03
A2235-72	72" Point Brace with Aluminum Adhesive Feet	EA	3.58



Typical application (without feet)

Air Terminals - Mast - Fiberglass With Copper Lightning Protection (LP-AT-BRC-04)

The mast is supported by stainless steel clamps (490-9, 490-91, 490-92), not included. Custom sizes and configurations are available.

Item #	Description	Unit	Wt (lb)
490	2" x 16' 3" Fiberglass Air Terminal Mast with 20' Tail of #132 - UL Label	EA	26.10
490-1	2" x 16' 3" Fiberglass Air Terminal Mast with 30' Tail of #132 - UL Label	EA	28.00
490-2	2" x 16' 3" Fiberglass Air Terminal Mast with 40' Tail of #132 - UL Label	EA	29.86
490-3	2" x 16' 3" Fiberglass Air Terminal Mast with 50' Tail of #132 - UL Label	EA	31.80
490-4	2" x 16' 3" Fiberglass Air Terminal Mast with 60' Tail of #132 - UL Label	EA	33.70
490-5	2" x 3' 3" Fiberglass Air Terminal Mast with 60' Tail of #132 - UL Label	EA	10.00
490-228	2" x 16' 3" Fiberglass Air Terminal Mast with 20' Tail of #228 - UL Label	EA	N/A
490-1-228	2" x 16' 3" Fiberglass Air Terminal Mast with 30' Tail of #228 - UL Label	EA	N/A
490-2-228	2" x 16' 3" Fiberglass Air Terminal Mast with 40' Tail of #228 - UL Label	EA	N/A
490-3-228	2" x 16' 3" Fiberglass Air Terminal Mast with 50' Tail of #228 - UL Label	EA	32.00
490-4-228	2" x 16' 3" Fiberglass Air Terminal Mast with 60' Tail of #228 - UL Label	EA	N/A



Mast Support Clamp (LP-AT-BRC-05)

A support clamp used to brace pipes or round objects.

Item #	Description	Unit	Wt (lb)
2565	Pair of Stand Off Brackets for Round Members from 1-1/4" OD to 2-1/2" OD - Kit Includes Mounting Hardware	EA	2.30

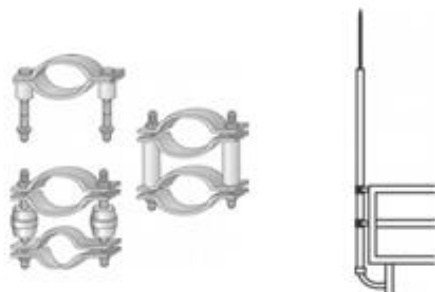


Typical application

Mast Support Clamps (LP-AT-BRC-06)

Stainless steel support clamp for lightning protection air terminal masts.

Item #	Description	Unit	Wt (lb)
490-9	Stainless Steel Support Clamp for 2" OD #490 Mast Bolt Goes Thru Support Object	EA	0.60
490-91	Stainless Steel Support Clamp for 2" OD #490 Mast Supported By Round Objects	EA	0.30
490-92	Stainless Steel Support Clamp with Insulators	EA	2.70



Typical application

Chimney Flue Point Mount (LP-AT-BRC-07)

The galvanized steel channel chimney top point mount provides attachment for a 3/8" or 1/2" diameter air terminal typically used in residential applications. These point mounts are offered in "galvanized" steel with stainless steel hardware. Air terminals are not included.

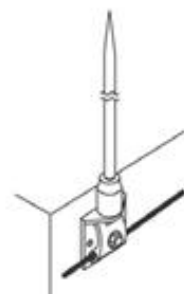
Item #	Description	Unit	Wt (lb)
2205-9-14	Steel Channel Chimney Top Point Brace - Fits Span of 9" Thru 14"	EA	2.10
2205-17-28	Steel Channel Chimney Top Point Brace - Fits Span of 17" Thru 28"	EA	3.50



Air Terminal Adapters (LP-AT-ACC-01)

Adapter to mount air terminals to male bases or threaded rods.

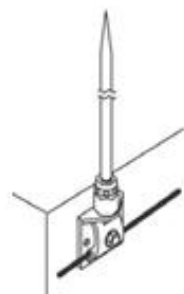
Item #	Description	Unit	Wt (lb)
1704	Brass Point Adapter - Fits 3/8" Air Terminal to 1/2" Base	EA	0.09
1705	Brass Point Adapter - Fits 3/8" Air Terminal to 5/8" Base	EA	0.09
1709	Brass Point Adapter - Fits 1/2" Air Terminal to 1/2" Base	EA	0.09
1710	Brass Point Adapter - Fits 1/2" Air Terminal to 5/8" Base	EA	0.09
1715	Brass Point Adapter - Fits 5/8" Air Terminal to 5/8" Base	EA	0.09
1715-2	Brass Point Adapter - Fits 5/8" Air Terminal to 1/2" Base	EA	0.09
A1709	Aluminum Point Adapter - Fits 1/2" Air Terminal to 1/2" Base	EA	0.03
A1710	Aluminum Point Adapter - Fits 1/2" Air Terminal to 5/8" Base	EA	0.03
A1715	Aluminum Point Adapter - Fits 5/8" Air Terminal to 5/8" Base	EA	0.03
A1715-2	Aluminum Point Adapter - Fits 5/8" Air Terminal to 1/2" Base	EA	0.03



Typical application

Air Terminal Adapters for 5/8" British Thread Male Bases (LP-AT-ACC-02)

Item #	Description	Unit	Wt (lb)
1705-1	Brass Point Adapter - Fits 3/8" Air Terminal to 5/8" British Threaded Stud Base	EA	0.09
1705-1T	Tinned Brass Point Adapter - Fits 3/8" Air Terminal to 5/8" British Threaded Stud Base	EA	0.09
1710-1	Brass Point Adapter - Fits 1/2" Air Terminal to 5/8" British Threaded Stud Base	EA	0.09
1710-1T	Tinned Brass Point Adapter - Fits 1/2" Air Terminal to 5/8" British Threaded Stud Base	EA	0.08
1715-1	Brass Point Adapter - Fits 5/8" Air Terminal to 5/8" British Threaded Stud Base	EA	0.04
1730	Brass Adapter - Converts 1/2" Female Threaded Base Into A 5/8" British Threaded Stud	EA	0.10
A1710-1	Aluminum Point Adapter - Fits 1/2" Air Terminal to 5/8" British Threaded Stud Base	EA	0.02
A1715-1	Aluminum Point Adapter - Fits 5/8" Air Terminal to 5/8" British Threaded Stud Base	EA	0.04
A1730	Aluminum Point Adapter Converts 1/2" Female Base to 5/8" British Threaded Stud	EA	0.06

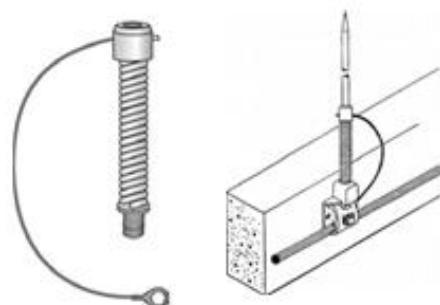


Typical application

Spring Air Terminal Adapter (LP-AT-ACC-05)

Spring adapters for mounting where safety considerations or window washing equipment restricts the use of fixed air terminals.

Item #	Description	Unit	Wt (lb)
1750	Brass Spring Point Adapter 3/8" Female to 3/8" Male	EA	0.25
1750-1	Brass Spring Point Adapter 3/8" Female to 1/2" Male	EA	0.25
1751	Brass Spring Point Adapter 1/2" Female to 3/8" Male	EA	0.25
1751-1	Brass Spring Point Adapter 1/2" Female to 1/2" Male	EA	0.25
A1751-1	Aluminum Spring Point Adapter 1/2" Female to 1/2" Male	EA	0.22
A1751-2	Aluminum Spring Point Adapter 1/2" Female to 5/8" Male	EA	0.22
A1752	Aluminum Spring Point Adapter 5/8" Female to 1/2" Male	EA	0.22
A1752-1	Aluminum Spring Point Adapter 5/8" Female to 5/8" Male	EA	0.22



Typical application

Couplers - Round (LP-AT-ACC-06)

A threaded coupling for connecting air terminals to rods, or rods to rods.

Item #	Description	Unit	Wt (lb)
1805	3/8" Copper Round Coupler	EA	0.17
1815	1/2" Copper Round Coupler	EA	0.13
1820	5/8" Copper Round Coupler	EA	0.09



Typical application

Couplers - Hex (LP-AT-ACC-07)

A threaded coupling for connecting air terminals to rods, or rods to rods.

Item #	Description	Unit	Wt (lb)
1830	3/8" Brass Hex Coupler	EA	0.18
1840	1/2" Brass Hex Coupler	EA	0.15
1850	5/8" Brass Hex Rod Coupler	EA	0.11
A1840	1/2" Aluminum Hex Rod Coupler	EA	0.05
A1850	5/8" Aluminum Hex Rod Coupler	EA	0.03
1810-12	1/2" Stainless Steel Hex Rod Coupler 1-1/4" long	EA	0.06
1810-38	3/8" Stainless Steel Hex Rod Coupler 1-1/8" long	EA	0.04



Typical application

Swivel Air Terminal Adapter for 5/8" British Threads (LP-AT-ACC-08)

A heavy duty swivel adapter designed to allow plumb air terminal mounting on sloped surfaces. Requires a male base with 5/8" British threads.

Item #	Description	Unit	Wt (lb)
1920	Heavy Duty Bronze Swivel Point Adapter with British Threads	EA	0.47
A1920	Heavy Duty Aluminum Swivel Point Adapter with British Threads	EA	0.16

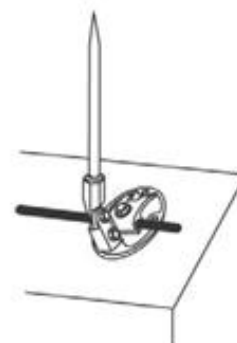
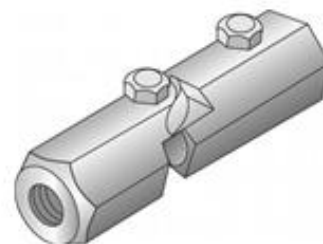


Typical application

Swivel Air Terminal Adapter Female (LP-AT-ACC-09)

A swivel adapter designed to allow plumb air terminal mounting on sloped surfaces. Available for 3/8", 1/2" and 5/8" air terminals mounting to 3/8", 1/2" or 5/8" standard and 5/8" British male bases.

Item #	Description	Unit	Wt (lb)
1930-12-38	Premier Brass Female Swivel Point Adapter 1/2" Base - 3/8" Air Terminal	EA	0.40
1930-12-12	Premier Brass Female Swivel Point Adapter 1/2" Base - 1/2" Air Terminal	EA	0.40
1930-12-58	Premier Brass Female Swivel Point Adapter 1/2" Base - 5/8" Air Terminal	EA	0.40
1930-38-38	Premier Brass Female Swivel Point Adapter 3/8" Base - 3/8" Air Terminal	EA	0.40
1930-38-12	Premier Brass Female Swivel Point Adapter 3/8" Base - 1/2" Air Terminal	EA	0.40
1930-38-58	Premier Brass Female Swivel Point Adapter 3/8" Base - 5/8" Air Terminal	EA	0.40
1930-58-38	Premier Brass Female Swivel Point Adapter 5/8" Base - 3/8" Air Terminal	EA	0.40
1930-58-12	Premier Brass Female Swivel Point Adapter 5/8" Base - 1/2" Air Terminal	EA	0.40
1930-58-58	Premier Brass Female Swivel Point Adapter 5/8" Base - 5/8" Air Terminal	EA	0.40
1930-58T-38	Premier Brass Female Swivel Point Adapter 5/8" British Thread Base - 3/8" Air Terminal	EA	0.40
1930-58T-12	Premier Brass Female Swivel Point Adapter 5/8" British Thread Base - 1/2" Air Terminal	EA	0.40
1930-58T-58	Premier Brass Female Swivel Point Adapter 5/8" British Thread Base - 5/8" Air Terminal	EA	0.40
A1930-12-12	Premier Aluminum Female Swivel Point Adapter 1/2" Base - 1/2" Air Terminal	EA	0.20
A1930-12-58	Premier Aluminum Female Swivel Point Adapter 1/2" Base - 5/8" Air Terminal	EA	0.20
A1930-58-12	Premier Aluminum Female Swivel Point Adapter 5/8" Base - 1/2" Air Terminal	EA	0.20
A1930-58-58	Premier Aluminum Female Swivel Point Adapter 5/8" Base - 5/8" Air Terminal	EA	0.20
A1930-58T-12	Premier Aluminum Female Swivel Point Adapter 5/8" British Thread Base - 1/2" Air Terminal	EA	0.20
A1930-58T-58	Premier Aluminum Female Swivel Point Adapter 5/8" British Thread Base - 5/8" Air Terminal	EA	0.20

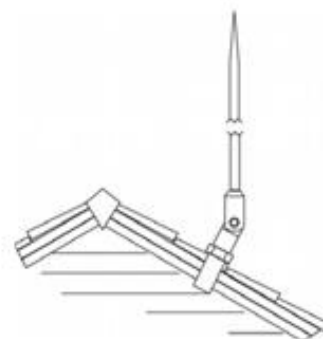
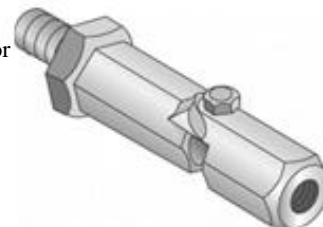


Typical application

Swivel Air Terminal Adapter Male (LP-AT-ACC-10)

A swivel adapter designed to allow plumb air terminal mounting on sloped surfaces. Available in aluminum or brass for 3/8", 1/2" and 5/8" air terminals mounting to 3/8", 1/2" or 5/8" bases.

Item #	Description	Unit	Wt (lb)
1950-12-38	Premier Brass Male Swivel Point Adapter 1/2" Base - 3/8" Air Terminal	EA	0.40
1950-12-12	Premier Brass Male Swivel Point Adapter 1/2" Base - 1/2" Air Terminal	EA	0.40
1950-12-58	Premier Brass Male Swivel Point Adapter 1/2" Base - 5/8" Air Terminal	EA	0.40
1950-38-38	Premier Brass Male Swivel Point Adapter 3/8" Base - 3/8" Air Terminal	EA	0.40
1950-38-12	Premier Brass Male Swivel Point Adapter 3/8" Base - 1/2" Air Terminal	EA	0.40
1950-38-58	Premier Brass Male Swivel Point Adapter 3/8" Base - 5/8" Air Terminal	EA	0.40
1950-58-38	Premier Brass Male Swivel Point Adapter 5/8" Base - 3/8" Air Terminal	EA	0.40
1950-58-12	Premier Brass Male Swivel Point Adapter 5/8" Base - 1/2" Air Terminal	EA	0.40
1950-58-58	Premier Brass Male Swivel Point Adapter 5/8" Base - 5/8" Air Terminal	EA	0.40
A1950-12-12	Premier Aluminum Male Swivel Point Adapter 1/2" Base - 1/2" Air Terminal	EA	0.24
A1950-12-58	Premier Aluminum Male Swivel Point Adapter 1/2" Base - 5/8" Air Terminal	EA	0.24
A1950-58-12	Premier Alum Male Swivel Point Adapter 5/8" Base - 1/2" Air Terminal	EA	0.24
A1950-58-58	Premier Aluminum Male Swivel Point Adapter 5/8" Base - 5/8" Air Terminal	EA	0.24



Typical application

Fat Head Safety Tips (LP-AT-ACC-12)

When used in conjunction with an Air Terminal Extensions, fat head tips produces an air terminal assembly with a reduced impalement hazard.

Item #	Description	Unit	Wt (lb)
300-FH	Bronze Fat Head Safety Tip for 3/8" Extension	EA	0.60
400-FH	Bronze Fat Head Safety Tip for Use With 1/2" Extension	EA	0.60
A400-FH	Aluminum Fat Head Safety Tip for Use With 1/2" Extension	EA	N/A



Finials - Rounded Decorative (LP-ORN-FIN-01)

Item #	Description	Unit	Wt (lb)
5860-16-38	Cast Bronze Finial with Internally Threaded Base (3/8" Thread) 16" Tall, Largest Section 2.25" Diameter	EA	3.00
5860-16-38T	Cast Tinned Bronze Finial with Internally Threaded Base (3/8" Thread) 16" Tall, Largest Section 2.25" Diameter	EA	5.04
5860-16-12	Cast Bronze Finial with Internally Threaded Base (1/2" Thread) 16" Tall, Largest Section 2.25" Diameter	EA	3.00
5860-16-12T	Cast Tinned Bronze Finial with Internally Threaded Base (1/2" Thread) 16" Tall, Largest Section 2.25" Diameter	EA	5.06
A5860-16-12	Cast Aluminum Finial with Internally Threaded Base (1/2" Thread) 16" Tall, Largest Section 2.25" Diameter	EA	1.00
5860-27	Cast Bronze Finial with Internally Threaded Base (1/2" Thread) 27" Tall, Largest Section 4.5" Diameter (Includes 1/2" x 24" Stainless Steel Threaded Rod, 1/2" nut and 1/2" washer)	EA	20.00
5860-27T	Cast Tinned Bronze Finial with Internally Threaded Base (1/2" Thread) 27" Tall, Largest Section 4.5" Diameter (Includes 1/2" x 24" Stainless Steel Threaded Rod, 1/2" nut and 1/2" washer)	EA	21.49
A5860-27	Cast Aluminum Finial with Internally Threaded Base (1/2" Thread) 27" Tall, Largest Section 4.5" Diameter (Includes 1/2" x 24" Stainless Steel Threaded Rod, 1/2" nut and 1/2" washer)	EA	9.00
5860-48	Cast Bronze Decorative Finial 48" Tall, Largest Section 9" Diameter , with 1" diameter x 24" length mounting rod attached and 1" collar for mounting	EA	61.80
5860-48T	Cast Tinned Bronze Decorative Finial 48" Tall, Largest Section 9" Diameter , with 1" diameter x 24" length mounting rod attached and 1" collar for mounting	EA	N/A
A5860-48	Cast Aluminum Decorative Finial 48" Tall, Largest Section 9" Diameter , with 1" diameter x 24" length mounting rod attached and 1" collar for mounting	EA	21.92



Finials - Flat Sided Decorative (LP-ORN-FIN-02)

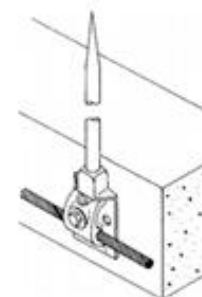
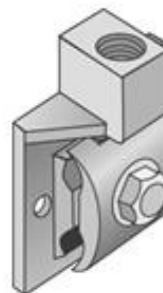
Item #	Description	Unit	Wt (lb)
5863-30	Cast Bronze Finial with 1/2" Threaded Mounting Rod - Includes Stainless Steel Nut and Washer - 30" Tall with Widest Section 4-1/2"	EA	12.00
5863-30T	Tinned Cast Bronze Finial with 1/2" Threaded Mounting Rod - Includes Stainless Steel Nut and Washer - 30" Tall with Widest Section 4-1/2"	EA	13.00
A5863-30	Cast Aluminum Finial with 1/2" Threaded Mounting Rod - Includes Stainless Steel Nut and Washer - 30" Tall with Widest Section 4-1/2"	EA	4.00



Base - Side Mount (LP-C2BASE-02)

A cast side mount base designed for mounting air terminals on parapets, screen walls or other vertical surfaces. The base has two mounting holes and a bolt type conductor connector.

Item #	Description	Unit	Wt (lb)
815-38	Bronze Female Side Mount Base 3/8" Fits Conductor Sizes .292 to .528	EA	0.71
815-12	Bronze Fm Side Mount Base 1/2" Fits Conductor Sizes .292 to .528	EA	0.71
815-58	Bronze Fm Side Mount Base 5/8" Fits Conductor Sizes .292 to .528	EA	0.71
A815-12	Aluminum Fm Side Mount Base 1/2" Fits Conductor Sizes .292 to .562	EA	0.26
A815-58	Aluminum Fm Side Mount Base 5/8" Fits Conductor Sizes .292 to .562	EA	0.26

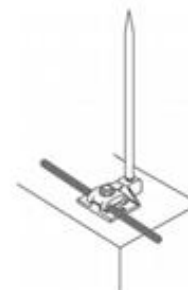


Typical application

Base - Top Mount (LP-C2BASE-04)

A cast top mount base designed for mounting air terminals on parapets, mechanical equipment or other flat surfaces. The base has two mounting holes and a bolt type conductor connector.

Item #	Description	Unit	Wt (lb)
822-38	Bronze Fm Top Mount Base 3/8" Fits Conductor Sizes .292 to .528	EA	0.74
822-12	Bronze Fm Top Mount Base 1/2" Fits Conductor Sizes .292 to .528	EA	0.74
822-58	Bronze Fm Top Mount Base 5/8" Fits Conductor Sizes .292 to .528	EA	0.74
A822-12	Aluminum Fm Top Mount Base 1/2" Fits Conductor Sizes .292 to .562	EA	0.31
A822-58	Aluminum Fm Top Mount Base 5/8" Fits Conductor Sizes .292 to .562	EA	0.31

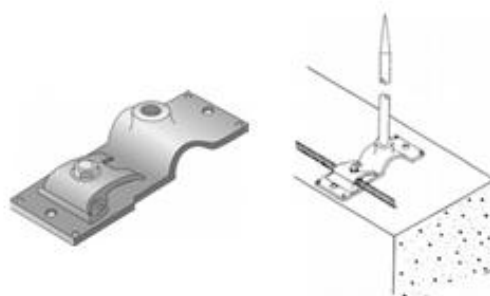


Typical application

Base - Malleable Top Mount (LP-C2BASE-06)

A cast malleable metal base designed for mounting air terminals on sloped parapets and other pitched surfaces. The base has two mounting holes and a bolt type conductor connector.

Item #	Description	Unit	Wt (lb)
825-38	Bronze Malleable Top Mount Base 3/8" Fits Conductor Sizes .375 to .528	EA	0.75
825-12	Bronze Malleable Top Mount Base 1/2" Fits Conductor Sizes .375 to .528	EA	0.75
825-58	Bronze Malleable Top Mount Base 5/8" Fits Conductor Sizes .375 to .528	EA	0.75
A825-12	Aluminum Malleable Top Mount Base 1/2" Fits Conductor Sizes .375 to .562	EA	0.25
A825-58	Aluminum Malleable Top Mount Base 5/8" Fits Conductor Sizes .375 to .562	EA	0.25

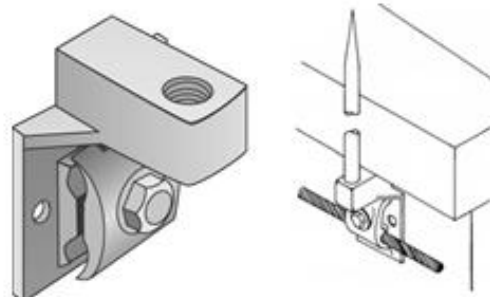


Typical application

Base - Extended Side Mount (LP-C2BASE-08)

A cast base designed for mounting air terminals on vertical surfaces where obstructions are a concern. The base has two mounting holes and a bolt type conductor connector.

Item #	Description	Unit	Wt (lb)
832-38	Bronze Fm Extended Side Mount Base 3/8" Fits Conductor Sizes .292 to .528	EA	0.92
832-12	Bronze Fm Extended Side Mount Base 1/2" Fits Conductor Sizes .292 to .528	EA	0.96
832T-12	Tinned Bronze Fm Extended Side Mount Base 1/2" Fits Conductor Sizes .292 to .528	EA	N/A
832-58	Bronze Fm Extended Side Mount Base 5/8" Fits Conductor Sizes .292 to .528	EA	0.87
A832-12	Aluminum Fm Extended Side Mount Base 1/2" Fits Conductor Sizes .292 to .562	EA	0.30
A832-58	Aluminum Fm Extended Side Mount Base 5/8" Fits Conductor Sizes .292 to .562	EA	0.30



Typical application

Base - Adhesive Mount (LP-C2BASE-10)

A cast base designed for mounting air terminals with adhesive on flat roofs and other surfaces that cannot be penetrated with fasteners. The base includes bolt type conductor connector.

Item #	Description	Unit	Wt (lb)
839-38	Bronze Fm Adhesive Base 3/8" Fits Conductor Sizes .292 to .528	EA	1.00
839-12	Bronze Fm Adhesive Base 1/2" Fits Conductor Sizes .292 to .528	EA	1.00
839-12T	Tinned Bronze Fm Adhesive Base 1/2" Fits Conductor Sizes .292 to .528	EA	0.97
839-58	Bronze Fm Adhesive Base 5/8" Fits Conductor Sizes .292 to .528	EA	1.00
A839-12	Aluminum Fm Adhesive Base 1/2" Fits Conductor Sizes .292 to .562	EA	0.38
A839-58	Aluminum Fm Adhesive Base 5/8" Fits Conductor Sizes .292 to .562	EA	0.38

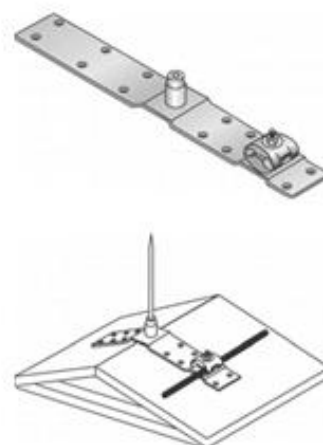


Typical application

Base - Heavy Duty Ridge Mount (LP-C2BASE-11)

A heavy duty air terminal base designed to form to pitched roofs. Mounting holes will accept nails or screws. The base includes a bolt type conductor connector.

Item #	Description	Unit	Wt (lb)
840-38	H D Copper/Bronze Ridge Base Fits Conductor Sizes .292 to .528	EA	1.20
840-381	H D Copper/Bronze Adhesive Ridge Base with Cable Connection on the Side- 3/8" Points	EA	N/A
840-12	H D Copper/Bronze Ridge Base Fits Conductor Sizes .292 to .528	EA	1.20
840-121	H D Copper/Bronze Adhesive Ridge Base with Cable Connection on the Side- 1/2" Points	EA	N/A
840-58	H D Copper/Bronze Ridge Base Fits Conductor Sizes .292 to .528	EA	1.20
840-581	H D Copper/Bronze Adhesive Ridge Base - 5/8" Points	EA	N/A
A840-12	H D Aluminum Ridge Base Fits Conductor Sizes .292 to .562	EA	0.58
A840-121	H D Aluminum Adhesive Ridge Base - 1/2" Points	EA	N/A
A840-58	H D Aluminum Ridge Base Fits Conductor Sizes .292 to .562	EA	0.58
A840-581	H D Aluminum Adhesive Ridge Base - 5/8" Points	EA	N/A



Typical application

Base - Heavy Duty Adhesive Ridge Mount (LP-C2BASE-34)

The heavy duty air terminal bases are designed to form to pitched roofs with adhesive mounting. The female air terminal and bolt type conductor connectors are located at the ridge center. See item descriptions below for air terminal and conductor size information.

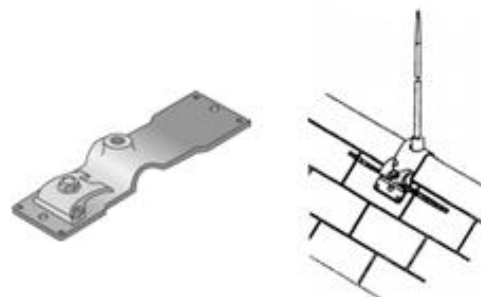
Item #	Description	Unit	Wt (lb)
840-ARB-38	Copper/Bronze Adhesive Ridge Base with Cable Connection on the Top - 3/8" Points	EA	1.12
840-ARB-12	Copper/Bronze Adhesive Ridge Base with Cable Connection on the Top - 1/2" Points	EA	1.10
A840-ARB-12	Aluminum Adhesive Ridge Base with Cable Connection on the Top - 1/2" Points	EA	0.81
A840-ARB-58	Aluminum Adhesive Ridge Base with Cable Connection on the Top - 5/8" Points	EA	0.83



Base - Female Ridge (LP-C2BASE-12)

A case malleable air terminal base which easily forms to ridges and other contoured surfaces. The base includes a bolt type conductor connector.

Item #	Description	Unit	Wt (lb)
842-38	Bronze Fm Ridge Base 3/8" Fits Conductor Sizes .375 to .528	EA	0.75
842-12	Bronze Fm Ridge Base 1/2" Fits Conductor Sizes .375 to .528	EA	0.75
842-58	Bronze Fm Ridge Base 5/8" Fits Conductor Sizes .375 to .528	EA	0.75
A842-12	Aluminum Fm Ridge Base 1/2" Fits Conductor Sizes .375 to .562	EA	0.25
A842-58	Aluminum Fm Ridge Base 5/8" Fits Conductor Sizes .375 to .562	EA	0.25

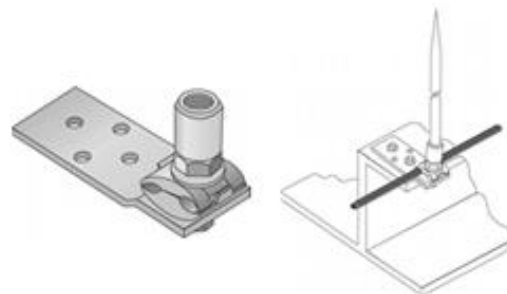


Typical application

Base - Standard Adjustable Base (LP-C2BASE-13)

An adjustable base designed for mounting air terminals on sloped surfaces. The base can be formed for air terminals vertical positioning.

Item #	Description	Unit	Wt (lb)
843-38	Standard Copper Malleable Base 3/8" Fits Conductor Sizes .292 to .528	EA	0.95
843-12	Standard Copper Malleable Base 1/2" Fits Conductor Sizes .292 to .528	EA	0.95
843-58	Standard Copper Malleable Base 5/8" Fits Conductor Sizes .292 to .528	EA	0.95
A843-12	Standard Aluminum Malleable Base 1/2" Fits Conductor Sizes .292 to .562	EA	0.37
A843-58	Standard Aluminum Malleable Base 5/8" Fits Conductor Sizes .292 to .562	EA	0.37

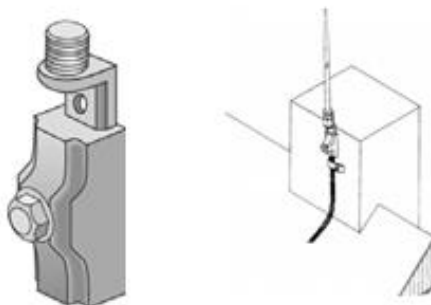


Typical application

Base - Vertical Mount (LP-C2BASE-14)

A cast base designed for mounting air terminals to a vertical surface. The conductor connector allows for conductor to be coursed vertically. The air terminal will require a 5/8" British thread adapter.

Item #	Description	Unit	Wt (lb)
845	Bronze Verticle Base Fits Conductor Sizes .375 to .500 - Requires Air Terminal with British Threaded Adapter	EA	0.42
A845	Aluminum Verticle Base Fits Conductor Sizes .375 to .500 - Requires Air Terminal with British Threaded Adapter	EA	0.14



Typical application

Base - Vertical Mount (LP-C2BASE-15)

A vertical base used to connect air terminals to a vertical conductor. The base can also be used to connect conductors at thru roof and thru wall locations.

Item #	Description	Unit	Wt (lb)
849-38	Standard Brass Fm Vertical Base Fits 3/8" Point Accepts 129/#2 Solid Thru 268/#3/0 Stranded Cable	EA	0.28
849-12	Standard Brass Fm Vertical Base Fits 1/2" Point Accepts 129/#2 Solid Thru 268/#3/0 Stranded Cable	EA	0.28
849-58	Standard Brass Fm Vertical Base Fits 5/8" Point Accepts 129/#2 Solid Thru 268/#3/0 Stranded Cable	EA	0.28
849-121	Heavy Duty Brass Fm Vertical Base Fits 1/2" Points Accepts 268/#4/0 Thru 288/#250MCM Cable	EA	0.42
849-581	Heavy Duty Brass Fm Vertical Base Fits 5/8" Points Accepts 268/#4/0 Thru 288/#250MCM Cable	EA	0.42
A849-12	Standard Aluminum Fm Vertical Base Fits 1/2" Point Accepts A124 Thru A237 Cable	EA	0.16
A849-58	Standard Aluminum Fm Vertical Base Fits 5/8" Point Accepts A124 Thru A237 Cable	EA	0.16
A849-121	H D Aluminum Fm Vertical Base Fits 1/2" Points Accepts A237 Thru A288 Cable	EA	0.17
A849-581	H D Aluminum Fm Vertical Base Fits 5/8" Points Accepts A237 Thru A288 Cable	EA	0.16



Typical application

Base - Female Vertical with Stainless Set Screws (LP-C2BASE-15a)

Item #	Description	Unit	Wt (lb)
849-12-SS	Std Brass Fm Vertical Base Fits 1/2" Point Accepts 129/#2 Solid Thru 268/#3/0 Stranded Cable with Allen Head Set Screws	EA	0.25
A849-12-SS	Std Aluminum Fm Vertical Base Fits 1/2" Point Accepts A124 Thru A237 Cable with Allen Head Set Screws	EA	0.09



Base - Aluminum Female Vertical (LP-C2BASE-31)

Item #	Description	Unit	Wt (lb)
A848-12	Aluminum Female Vertical Base Fits 1/2" Point and Accepts A124 Thru A237 Cable	EA	N/A
A848-58	Aluminum Female Vertical Base Fits 5/8" Point and Accepts A124 Thru A237 Cable	EA	N/A



Base - Standing Seam Mount (LP-C2BASE-15b)

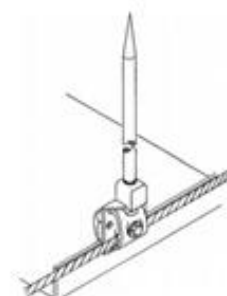
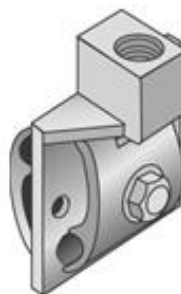
Item #	Description	Unit	Wt (lb)
852-38	Stainless Steel / Bronze Standing Seam Base for 3/8" Air Terminal Fits Lightning Conductor 14 thru 132	EA	1.02
852-12	Stainless Steel / Bronze Standing Seam Base for 1/2" Air Terminal Fits Lightning Conductor 14 thru 132	EA	1.00
852-58	Stainless Steel / Bronze Standing Seam Base for 5/8" Air Terminal Fits Lightning Conductor 14 thru 132	EA	0.98
A852-12	Stainless Steel / Aluminum Standing Seam Base for 1/2" Air Terminal Fits Lightning Conductor 14 thru 132	EA	0.74
A852-58	Stainless Steel / Aluminum Standing Seam Base for 5/8" Air Terminal Fits Lightning Conductor 14 thru 132	EA	0.72



Base - Parallel Standing Seam Mount (LP-C2BASE-16)

A cast base designed to mount air terminals on standing roof seams without penetrating the roof or seams. The conductor courses parallel to seam.

Item #	Description	Unit	Wt (lb)
850-38	Bronze Parallel Standing Seam Base 3/8" Fits Conductor Sizes .375 to .528	EA	0.88
850-12	Bronze Parallel Standing Seam Base 1/2" Fits Conductor Sizes .375 to .528	EA	0.88
850-58	Bronze Parallel Standing Seam Base 5/8" Fits Conductor Sizes .375 to .528	EA	0.88
A850-12	Aluminum Parallel Standing Seam Base 1/2" Fits Conductor Sizes .375 to .562	EA	0.25
A850-58	Aluminum Parallel Standing Seam Base 5/8" Fits Conductor Sizes .375 to .562	EA	0.25

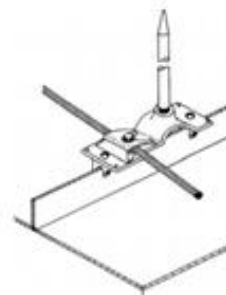


Typical application

Base - Across Standing Seam Mount (LP-C2BASE-17)

A cast base designed to mount air terminals on standing roof seams without penetrating the roof or seams. The conductor courses perpendicular to seam.

Item #	Description	Unit	Wt (lb)
853-38	Bronze Across Standing Seam Base 3/8" Fits Conductor Sizes .375 to .528	EA	1.30
853-12	Bronze Across Standing Seam Base 1/2" Fits Conductor Sizes .375 to .528	EA	1.30
853-58	Bronze Across Standing Seam Base 5/8" Fits Conductor Sizes .375 to .528	EA	1.30
A853-12	Aluminum Across Standing Seam Base 1/2" Fits Conductor Sizes .375 to .562	EA	0.44
A853-58	Aluminum Across Standing Seam Base 5/8" Fits Conductor Sizes .375 to .562	EA	0.44

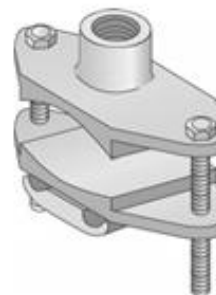


Typical application

Base - Pipe Rail Mount (LP-C2BASE-20)

A cast base designed for mounting on pipes, railings or other round objects. The base has a two way bolt type conductor connector which allows parallel or perpendicular conductor coursing.

Item #	Description	Unit	Wt (lb)
860-38	Bronze Fm Round Railing Base 3/8" Fits Up to 2" OD Pipe and Conductor Sizes .292 to .528	EA	0.75
860-12	Bronze Fm Round Railing Base 1/2" Fits Up to 2" OD Pipe and Conductor Sizes .292 to .528	EA	0.75
860-58	Bronze Fm Round Railing Base 5/8" Fits Up to 2" OD Pipe and Conductor Sizes .292 to .528	EA	0.75
A860-12	Aluminum Fm Round Railing Base 1/2" Fits Up to 2" OD Pipe and Conductor Sizes .292 to .562	EA	0.25
A860-58	Aluminum Fm Round Railing Base 5/8" Fits Up to 2" OD Pipe and Conductor Sizes .292 to .562	EA	0.25



Typical application

Base - Horizontal Pipe Rail Side Mount (LP-C2BASE-32)

Item #	Description	Unit	Wt (lb)
862-HPSM-38	Bronze Female Horizontal Pipe Side Mount Base for 3/8" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
862-HPSM-12	Bronze Female Horizontal Pipe Side Mount Base for 1/2" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
862-HPSM-58	Bronze Female Horizontal Pipe Side Mount Base for 5/8" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
A862-HPSM-12	Aluminum Female Horizontal Pipe Side Mount Base for 1/2" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
A862-HPSM-58	Aluminum Female Horizontal Pipe Side Mount Base for 5/8" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90



Base - Female Pipe (LP-C2BASE-21)

A cast base designed for horizontal mounting on pipes, railings or other round objects. The conductor courses parallel to the pipe.

Item #	Description	Unit	Wt (lb)
863-38	Tinned Bronze Fm Pipe Base 3/8" Threads -- Fits Up to 1-1/4" OD Pipe and Conductor Sizes .375 to .500	EA	1.40
863-12	Tinned Bronze Fm Pipe Base 1/2" Threads - Fits Up to 1-1/4" OD Pipe and Conductor Sizes .375 to .500	EA	1.00
863-58	Tinned Bronze Fm Pipe Base 5/8" Threads - Fits Up to 1-1/4" OD Pipe and Conductor Sizes .375 to .500	EA	1.00
A863-12	Aluminum Fm Pipe Base 1/2" Threads - Fits Up to 1-1/4" OD Pipe and Conductor Sizes .375 to .500	EA	0.80
A863-58	Aluminum Fm Pipe Base 5/8" Threads - Fits Up to 1-1/4" OD Pipe and Conductor Sizes .375 to .500	EA	0.80
865-38	Tinned Bronze Fm Pipe Base 3/8" Threads - Fits Up to 2-1/4" OD Pipe and Conductor Sizes .375 to .500	EA	0.89
865-12	Tinned Bronze Fm Pipe Base 1/2" Threads - Fits Up to 2-1/4" OD Pipe and Conductor Sizes .375 to .500	EA	0.85
865-58	Tinned Bronze Fm Pipe Base 5/8" Threads - Fits Up to 2-1/4" OD Pipe and Conductor Sizes .375 to .500	EA	0.85
A865-12	Aluminum Fm Pipe Base 1/2" Threads - Fits Up to 2-1/4" OD Pipe and Conductor Sizes .375 to .500	EA	0.80
A865-58	Aluminum Fm Pipe Base 5/8" Threads - Fits Up to 2-1/4" OD Pipe and Conductor Sizes .375 to .500	EA	0.80

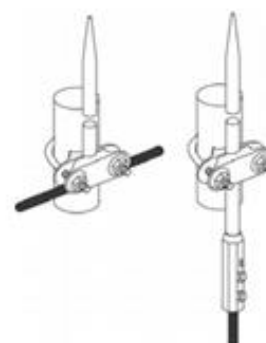


Typical application

Base - Vertical Rail Mount (LP-C2BASE-22)

A U-bolt type cast base designed for mounting air terminals on vertical pipes or round objects. The conductor courses perpendicular to the pipe when attached to the base.

Item #	Description	Unit	Wt (lb)
1330	Bronze 1" U-Bolt Connector Fits 1/2" to 1-7/16" Maximum Diameter Round Objects with 1 Round Object .375 to .500 Maximum Cable Diameter	EA	0.56
1332	Bronze 2" U-Bolt Connector Fits 1" to 2-1/8" Maximum Diameter Round Objects with 1 Round Object .375 to .500 Maximum Cable Diameter	EA	1.05
1333	Bronze 3" U-Bolt Connector Fits 2" to 3-3/16" Maximum Diameter Round Objects with 1 Round Object .375 to .500 Maximum Cable Diameter	EA	1.65
1334	Bronze 4" U-Bolt Connector Fits 3-5/8" to 4-3/16" Maximum Diameter Round Objects with 1 Round Object .375 to .500 Maximum Cable Diameter	EA	2.30
A1330	Aluminum U-Bolt Connector Fits 1/2" to 1-7/16" Maximum Diameter Round Objects with 1 Round Object .375 to .562 Maximum Cable Diameter	EA	0.20
A1332	Aluminum U-Bolt Connector Fits 1" to 2-1/8" Maximum Diameter Round Objects with 1 Round Object .375 to .562 Maximum Cable Diameter	EA	0.36
A1333	Aluminum U-Bolt Connector Fits 2" to 3-3/16" Maximum Diameter Round Objects with 1 Round Object .375 to .562 Maximum Cable Diameter	EA	0.54
A1334	Aluminum U-Bolt Connector Fits 3-5/8" to 4-3/16" Maximum Diameter Round Objects with 1 Round Object .375 to .562 Maximum Cable Diameter	EA	1.00

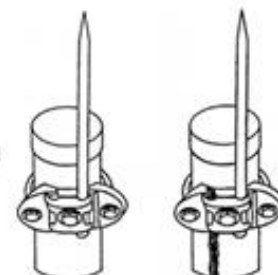


Typical application

Base - Vertical Rail Mount (LP-C2BASE-23)

A cast base for mounting air terminals on pipes or round objects. The conductor courses parallel to the pipe.

Item #	Description	Unit	Wt (lb)
880	Bronze Verticle Round Mount Base/Clamp - Fits 1" Thru 2" OD Pipe, 3/8" Thru 5/8" Air Terminals and Conductor Sizes .292 to .528	EA	0.75
A880	Aluminum Verticle Round Mount Base/Clamp - Fits 1" Thru 2" OD Pipe, 1/2" Thru 5/8" Air Terminals and Conductor Sizes .292 to .562	EA	0.25
880-1	Bronze Verticle Round Mount Base/Clamp - Fits 2" Thru 3" OD Pipe and 3/8" Thru 5/8" Air Terminals	EA	1.16
880-2	Bronze Verticle Round Mount Base/Clamp - Fits 3" Thru 4-1/2" OD Pipe and 3/8" Thru 5/8" Air Terminals	EA	1.50



Typical application

Base - Vertical Pipe Rail Mount (LP-C2BASE-33)

Mounts without the set screw in the base include a tapped hole for air terminal attachment. Mounts with a set screw have a through hole only (not tapped) for air terminal attachment.

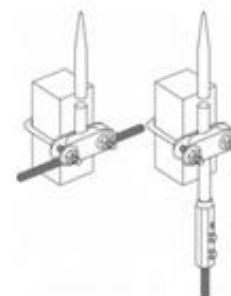
Item #	Description	Unit	Wt (lb)
862-VPM-38	Bronze Female Verticle Pipe Mount Base for 3/8" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
862-VPM-12	Bronze Female Verticle Pipe Mount Base for 1/2" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
862-VPM-58	Bronze Female Verticle Pipe Mount Base for 5/8" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
A862-VPM-12	Aluminum Female Verticle Pipe Mount Base for 1/2" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
A862-VPM-58	Aluminum Female Verticle Pipe Mount Base for 5/8" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
862-VPMSS-38	Bronze Female Verticle Pipe Mount Base with Set Screw for 3/8" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
862-VPMSS-12	Bronze Female Verticle Pipe Mount Base with Set Screw for 1/2" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
862-VPMSS-58	Bronze Female Verticle Pipe Mount Base with Set Screw for 5/8" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
A862-VPMSS-12	Aluminum Female Verticle Pipe Mount Base with Set Screw for 1/2" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90
A862-VPMSS-58	Aluminum Female Verticle Pipe Mount Base with Set Screw for 5/8" Air Terminal with Cable Holder - Fits Up to 3" OD Pipe and Conductors from #2 thru 4/0	EA	1.90



U-Bolt Connector - Square (LP-C2BASE-24)

A cast U-bolt connector with stainless steel hardware. It can be used as a bonding connector or air terminal base.

Item #	Description	Unit	Wt (lb)
1350	Bronze 2" Square U-Bolt Connector Fits 1-5/16" to 2" Maximum Diameter Square Objects with 1 Round Object .162 to .528 Maximum Diameter	EA	1.05
A1350	Aluminum Square U-Bolt Connector Fits 1-5/16" to 2" Maximum Diameter Square Objects with 1 Round Object .162 to .562 Maximum Diameter	EA	0.36



Typical application

Base - Cone/Dome Mount (LP-C2BASE-26)

A base designed to mount air terminals on dome or cone shaped structures. The stainless steel mounting brackets mold easily to a wide variety of objects. Includes a bolt type conductor connector.

Item #	Description	Unit	Wt (lb)
888-38	Heavy Duty Stainless/Bronze Cone/Dome Base for 3/8" Air Terminals - Fits Conductor Sizes .292 to .528	EA	1.00
888-12	Heavy Duty Stainless/Bronze Cone/Dome Base for 1/2" Air Terminals - Fits Conductor Sizes .292 to .528	EA	1.00
888-58	Heavy Duty Stainless/Bronze Cone/Dome Base for 5/8" Air Terminals - Fits Conductor Sizes .292 to .528	EA	1.00
A888-12	Heavy Duty Stainless/Aluminum Cone/Dome Base for 1/2" Air Terminals - Fits Conductor Sizes .292 to .562	EA	0.79
A888-58	Heavy Duty Stainless/Aluminum Cone/Dome Base for 5/8" Air Terminals - Fits Conductor Sizes .292 to .562	EA	0.79



Base - Crimp Ridge Mount (LP-C1BASE-01A)

A 2" wide ridge base with a crimp type conductor connector. The base can be field adjusted for any roof pitch. Offered in aluminum and copper configurations, each ridge base includes an air terminal adaptor.

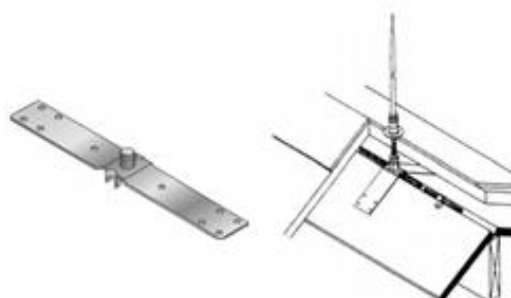
Item #	Description	Unit	Wt (lb)
1410-12	Copper Ridge Base with 1/2" Adapter for Air Terminal	EA	0.58
1410-38	Copper Ridge Base with 3/8" Adapter for Air Terminal	EA	0.58
1410-58	Copper Ridge Base with 5/8" Adapter for Air Terminal	EA	0.58
A1410-12	Aluminum Ridge Base with 1/2" Adapter for Air Terminal	EA	0.26
A1410-58	Aluminum Ridge Base with 5/8" Adapter for Air Terminal	EA	0.26



Base - Concealed Ridge Mount (LP-C1BASE-02)

A 2" wide ridge base with crimp type conductor connector for use in new construction where the base and conductor can be concealed. The air terminal will require a 5/8" British thread adapter.

Item #	Description	Unit	Wt (lb)
1415	Copper Concealed Ridge Base Saddle Only - Fits Lightning Conductor Sizes 129 thru 268	EA	0.60
A1415	Aluminum Concealed Ridge Base Saddle Only - Fits Lightning Conductor Sizes A124 thru A128	EA	0.29

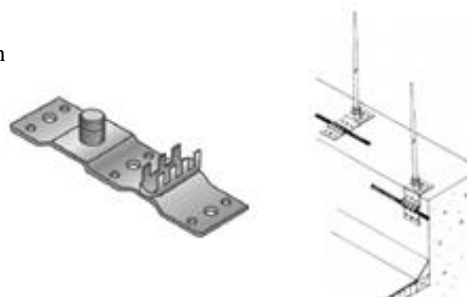


Typical application

Base - Crimp Flat Surface Mount (LP-C1BASE-03)

A 2" wide base for top, flat or corner mounting. The air terminal will require a 5/8" British thread adapter.

Item #	Description	Unit	Wt (lb)
1420	Copper Flat Surface Base - Fits Lightning Conductor Sizes 129 thru 268- Requires Air Terminal with British Threaded Adapter	EA	0.38
1420T	Tinned Copper Flat Surface Base - Fits Lightning Conductor Sizes 129 thru 268 - Requires Air Terminal with British Threaded Adapter	EA	0.38
A1420	Aluminum Flat Surface Base - Fits Lightning Conductor Sizes A124 thru A128 - Requires Air Terminal with British Threaded Adapter	EA	0.15

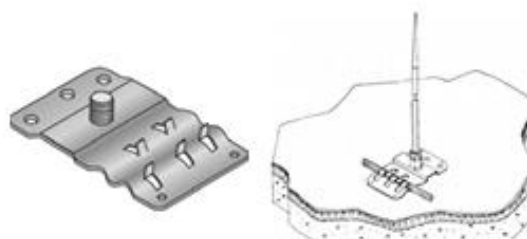


Typical application

Base - Crimp Adhesive Mount (LP-C1BASE-04)

An adhesive point base used on flat roofs and other areas where surface cannot be penetrated. The air terminal will require a 5/8" British thread adapter.

Item #	Description	Unit	Wt (lb)
1425	Copper Adhesive Base - Fits Lightning Conductor Sizes 129 thru 268 - Requires Air Terminal with British Threaded Adapter	EA	0.44
1425T	Tinned Copper Adhesive Base - Fits Lightning Conductor Sizes 129 thru 268 - Requires Air Terminal with British Threaded Adapter	EA	0.44
A1425	Aluminum Adhesive Base - Fits Lightning Conductor Sizes A124 thru A128 - Requires Air Terminal with British Threaded Adapter	EA	0.20

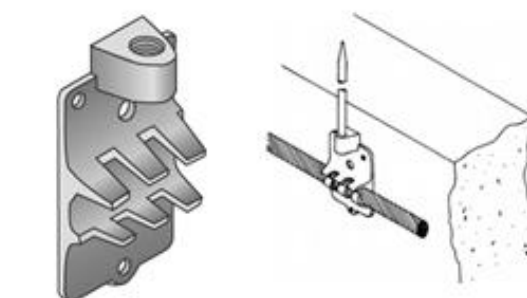


Typical application

Base - Crimp Side Mount (LP-C1BASE-08)

A cast side mount base provided with female air terminal threads and crimp type conductor connector.

Item #	Description	Unit	Wt (lb)
1455-38	Bronze Side Mount Base 3/8" Thread - Fits Lightning Conductor Sizes 129 thru 268	EA	0.34
1455-12	Bronze Side Mount Base 1/2" Thread - Fits Lightning Conductor Sizes 129 thru 268	EA	0.42
A1455-12	Aluminum Side Mount Base 1/2" Thread - Fits Lightning Conductor Sizes A124 thru A128	EA	0.15

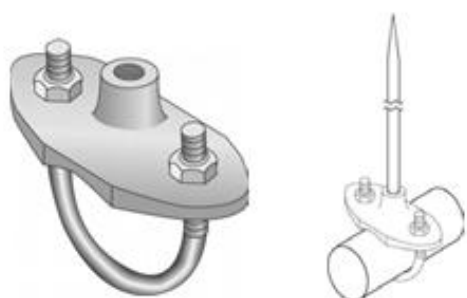


Typical application

Base - Horizontal Pipe Point Mount (LP-SABASE-01)

A cast base with stainless steel U-bolt for mounting air terminals on pipes, rails or other round objects where no conductor connector is required.

Item #	Description	Unit	Wt (lb)
1630-38	Bronze Horizontal Pipe Base 3/8" Thread - Fits Pipe Range From 1" to 2" OD	EA	0.69
1630-12	Bronze Horizontal Pipe Base 1/2" Thread - Fits Pipe Range From 1" to 2" OD	EA	0.69
A1630-12	Aluminum Horizontal Pipe Base 1/2" Thread - Fits Pipe Range From 1" to 2" OD	EA	0.22
A1630-58	Aluminum Horizontal Pipe Base 5/8" Thread - Fits Pipe Range From 1" to 2" OD	EA	0.22

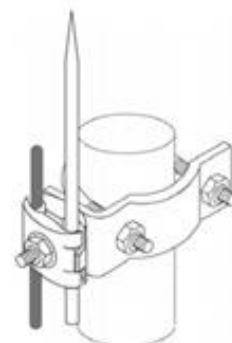


Typical application

Base - Universal Pipe Rail Mount (LP-SABASE-02)

The universal pipe rail base will mount air terminals and conductor to both horizontal and vertical pipes. The cast clamp base has a stainless steel U-bolt for mounting air terminals on pipes, rails or other round objects where a conductor connector is required.

Item #	Description	Unit	Wt (lb)
1640	Bronze/Stainless Steel Air Terminal Base for Round Objects From 3/4" to 1-1/4" OD - Fits Conductor Sizes .292 to .528	EA	0.64
1641	Bronze/Stainless Steel Air Terminal Base for Round Objects From 1-1/4" to 2" OD - Fits Conductor Sizes .292 to .528	EA	0.72
1642	Bronze/Stainless Steel Air Terminal Base for Round Objects From 2" to 2-1/2" OD - Fits Conductor Sizes .292 to .528	EA	0.75
1643	Bronze/Stainless Steel Air Terminal Base for Round Objects From 2-1/2" to 3-3/4" OD - Fits Conductor Sizes .292 to .528	EA	0.85
1644	Bronze/Stainless Steel Air Terminal Base for Round Objects From 3-1/2" to 4-3/4" OD - Fits Conductor Sizes .292 to .528	EA	0.98
1645	Bronze/Stainless Steel Air Terminal Base Fits Round Objects From 4-1/2" to 6-3/4" OD - Fits Conductor Sizes .292 to .528	EA	1.14
1640T	Tinned Bronze/Stainless Steel Air Terminal Base for Round Objects From 3/4" to 1-1/4" OD - Fits Conductor Sizes .292 to .528	EA	0.64
1641T	Tinned Bronze/Stainless Steel Air Terminal Base for Round Objects From 1-1/4" to 2" OD - Fits Conductor Sizes .292 to .528	EA	0.72
1642T	Tinned Bronze/Stainless Steel Air Terminal Base for Round Objects From 2" to 2-1/2" OD - Fits Conductor Sizes .292 to .528	EA	0.75
1643T	Tinned Bronze/Stainless Steel Air Terminal Base for Round Objects From 2-1/2" to 3-3/4" OD - Fits Conductor Sizes .292 to .528	EA	0.85
1644T	Tinned Bronze/Stainless Steel Air Terminal Base for Round Objects From 3-1/2" to 4-3/4" OD - Fits Conductor Sizes .292 to .528	EA	0.98
1645T	Tinned Bronze/Stainless Steel Air Terminal Base Fits Round Objects- Fits 4-1/2" to 6-3/4" OD - Fits Conductor Sizes .292 to .528	EA	1.14



Typical application

Base - Strap Type Pipe Rail Point Mount (LP-SABASE-03) A base for mounting air terminals on round objects, such as pipes and railings where no conductor connector is required. The air terminal will require a 5/8" British thread adapter.

Item #	Description	Unit	Wt (lb)
1605	Copper Pipe Rail Base - Fits Pipe Sizes 1-1/4" to 2-1/2" OD - Requires Air Terminal with British Threaded Adapter	EA	0.50
A1605	Aluminum Pipe Rail Base - Fits Pipe Sizes 1-1/4" to 2-1/2" OD - Requires Air Terminal with British Threaded Adapter	EA	0.17



Typical application

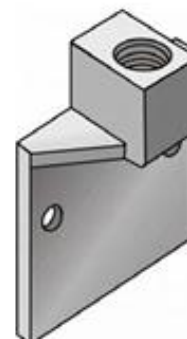
Base - Top Mount Point Base (LP-SABASE-04)

Item #	Description	Unit	Wt (lb)
1620-38	Bronze Malleable Female Vent Base for 3/8" Air Terminal	EA	0.31
1620-12	Bronze Malleable Female Vent Base for 1/2" Air Terminal	EA	0.31
A1620-12	Aluminum Malleable Female Vent Base for 1/2" Air Terminal	EA	0.13
A1620-58	Aluminum Malleable Female Vent Base for 5/8" Air Terminal	EA	0.13



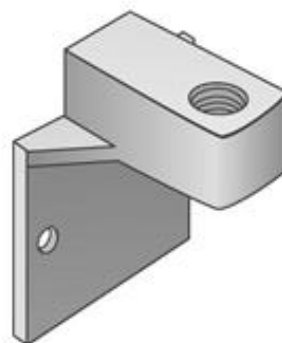
Base - Extended Side Mount Point Base (LP-SABASE-04a)

Item #	Description	Unit	Wt (lb)
1625-38	Bronze Side Mount Female Vent Base for 3/8" Air Terminal	EA	0.47
1625-12	Bronze Side Mount Female Vent Base for 1/2" Air Terminal	EA	0.47
A1625-12	Aluminum Side Mount Female Vent Base for 1/2" Air Terminal	EA	0.16
A1625-58	Aluminum Side Mount Female Vent Base for 5/8" Air Terminal	EA	0.16



Base - Female Extended (LP-SABASE-04b)

Item #	Description	Unit	Wt (lb)
1670-38	Bronze Extended Female Vent Base for 3/8" Air Terminal	EA	0.86
1670-12	Bronze Extended Female Vent Base for 1/2" Air Terminal	EA	0.86
A1670-12	Aluminum Extended Female Vent Base for 1/2" Air Terminal	EA	0.30
A1670-58	Aluminum Extended Female Vent Base 5/8" Air Terminal	EA	0.30



Base - Horizontal Pipe Side Mount (LP-SABASE-05)

Item #	Description	Unit	Wt (lb)
861-HPSM-12	Bronze Female Horizontal Pipe Side Mount Base for 1/2" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	1.19
861-HPSM-38	Bronze Female Horizontal Pipe Side Mount Base for 3/8" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	1.19
861-HPSM-58	Bronze Female Horizontal Pipe Side Mount Base for 5/8" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	1.19
A861-HPSM-12	Aluminum Female Horizontal Pipe Side Mount Base for 1/2" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	0.53
A861-HPSM-58	Aluminum Female Horizontal Pipe Side Mount Base for 5/8" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	0.53



Base - Vertical Pipe Mount (LP-SABASE-06)

Mounts without the set screw in the base include a tapped hole for air terminal attachment. Mounts with a set screw have a through hole only (not tapped) for air terminal attachment.

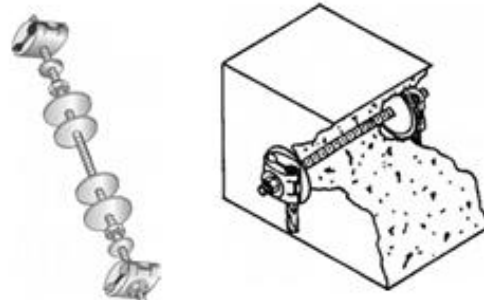
Item #	Description	Unit	Wt (lb)
861-VPM-38	Bronze Female Vertical Pipe Mount Base for 3/8" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	1.19
861-VPM-12	Bronze Female Vertical Pipe Mount Base for 1/2" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	1.19
861-VPM-58	Bronze Female Vertical Pipe Mount Base for 5/8" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	1.19
A861-VPM-12	Aluminum Female Vertical Pipe Mount Base for 1/2" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	0.53
A861-VPM-58	Aluminum Female Vertical Pipe Mount Base for 5/8" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	0.53
861-VPMS-38	Bronze Female Vertical Pipe Mount with Set Screw Base for 3/8" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	1.19
861-VPMS-12	Bronze Female Vertical Pipe Mount with Set Screw Base for 1/2" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	1.19
861-VPMS-58	Bronze Female Vertical Pipe Mount with Set Screw Base for 5/8" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	1.19
A861-VPMS-12	Aluminum Female Vertical Pipe Mount with Set Screw Base for 1/2" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	N/A
A861-VPMS-58	Aluminum Female Vertical Pipe Mount with Set Screw Base for 5/8" Air Terminal without Cable Holder - Fits Up to 3" OD Pipe	EA	N/A



Thru Wall Assembly (LP-TWTR-01)

An assembly designed for a thru wall penetration that can be easily sealed while maintaining low resistance grounding. Stainless steel hardware and sealing washers are included.

Item #	Description	Unit	Wt (lb)
2300	Bronze Copper to Copper 18" Thru Wall Assembly with 1/2" Brass Threaded Rod - Fits Conductor Sizes .292 to .528	EA	1.92
A2300	Aluminum to Aluminum 18" Thru Wall Assembly with 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .292 to .562	EA	1.42
2301	Bronze / Aluminum Bimetal 18" Thru Wall Assembly with 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .292 to .562	EA	1.72

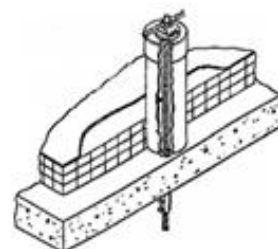


Typical application

Thru Roof Assembly (LP-TWTR-02)

An assembly designed for a thru roof penetration that can be easily sealed while maintaining low resistance grounding. Stainless steel hardware, sealing washers and 2" electrical PVC are included.

Item #	Description	Unit	Wt (lb)
2310	Bronze Copper to Copper 18" Thru Roof Assembly with 1/2" Brass Threaded Rod - Fits Conductor Sizes .292 to .528	EA	2.69
A2310	Aluminum to Aluminum 18" Thru Roof Assembly with 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .292 to .562	EA	2.39
2311	Bronze / Aluminum Bimetal 18" Thru Roof Assembly with 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .292 to .562	EA	2.48

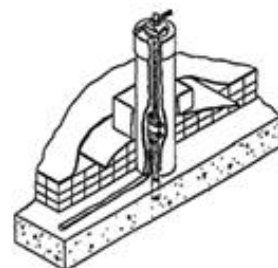


Typical application

Thru Roof Assembly (LP-TWTR-03)

An assembly designed for a thru roof penetration that can be easily sealed while maintaining low resistance grounding. Stainless steel hardware, sealing washers and 2" electrical PVC are included.

Item #	Description	Unit	Wt (lb)
2320	Bronze 18" Copper to Copper Masonry Thru Roof Assembly with 1/2" Brass Threaded Rod - Fits Conductor Sizes .292 to .528	EA	2.74
A2320	Aluminum to Aluminum 18" Masonary Thru Roof Assembly with 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .292 to .562	EA	2.39
2321	Bronze / Aluminum 18" Masonary Bimetal Thru Roof with 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .292 to .562	EA	2.62

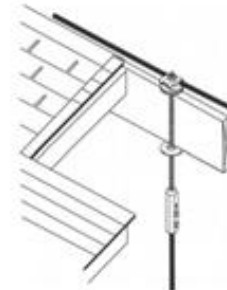


Typical application

Thru Roof Assembly (LP-TWTR-04)

An assembly designed to make a sealed roof penetration while maintaining low resistance grounding. Stainless steel hardware and sealing washers are included.

Item #	Description	Unit	Wt (lb)
2350	Bronze Copper to Copper 18" Thru Roof Assembly with no PVC and 1/2" Brass Threaded Rod - Fits Conductor Sizes .257 to .500	EA	1.50
A2350	Aluminum to Aluminum 18" Thru Roof Assembly with no PVC and 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .257 to .562	EA	1.20
2351	Bronze / Aluminum 18" Thru Roof Assembly with no PVC and 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .257 to .500	EA	1.30



Typical application

Thru Roof Point Base with Horizontal Connector (LP-TWTR-05)

The conductor connector is designed to mount on the roof framing for additional support. The assembly includes an under roof nut and sealing washer.

Item #	Description	Unit	Wt (lb)
2380-38	Bronze 12" Thru Roof Point Base for 3/8" Air Terminal with 1/2" Brass Threaded Rod - Fits Conductor Sizes .375 to .500	EA	1.34
2380-12	Bronze 12" Thru Roof Point Base for 1/2" Air Terminal with 1/2" Brass Threaded Rod - Fits Conductor Sizes .375 to .500	EA	1.34
A2380-12	Aluminum 12" Thru Roof Point Base for 1/2" Air Terminal with 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .375 to .500	EA	0.92
A2380-58	Aluminum 12" Thru Roof Point Base for 5/8" Air Terminal with 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .375 to .500	EA	0.92

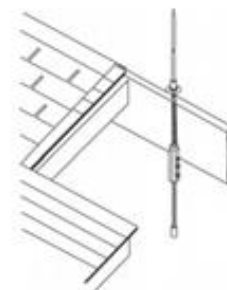


Typical application

Thru Roof Point Base with Vertical Connector (LP-TWTR-06)

The conductor connector is designed to mount to the roof framing for additional support. The assembly includes an under roof nut and sealing washer.

Item #	Description	Unit	Wt (lb)
2385-38	Bronze 12" Vertical Thru Roof Point Base for 3/8" Air Terminal with 1/2" Brass Threaded Rod - Fits Conductor Sizes .257 to .500	EA	1.42
2385-12	Bronze 12" Vertical Thru Roof Point Base for 1/2" Air Terminal with 1/2" Brass Threaded Rod - Fits Conductor Sizes .257 to .500	EA	1.42
A2385-12	Aluminum 12" Vertical Thru Roof Point Base for 1/2" Air Terminal with 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .257 to .562	EA	1.10
A2385-58	Aluminum 12" Vertical Thru Roof Point Base for 5/8" Air Terminal with 1/2" Stainless Steel Threaded Rod - Fits Conductor Sizes .257 to .562	EA	1.15

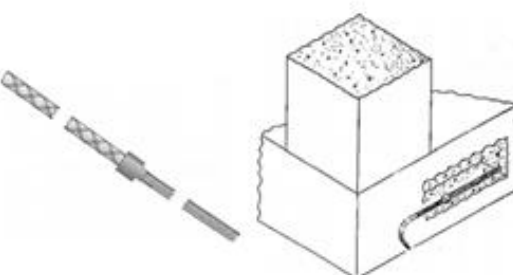


Typical application

Rebar Bonding Ground Assembly (LP-TWTR-07)

A ground assembly that includes 4' of copper conductor exothermically welded to 4' of #5 (5/8" diameter) reinforcing steel. The assembly may be wire tied to the reinforcing steel in foundations, footings or concrete slabs.

Item #	Description	Unit	Wt (lb)
2399-129-4	Rebar Bonding Ground Assembly with a 4' 29 x 17 Copper Conductor	EA	3.75
2399-228-4	Rebar Bonding Ground Assembly with a 4' 28 x 14 Copper Conductor	EA	4.50
2399-4/0-4	Rebar Bonding Ground Assembly with a 4' #4/0 Copper Conductor	EA	5.61
2399-4/0T-10	Rebar Bonding Ground Assembly with a 10' 4/0 Tinned Copper Conductor	EA	10.50
2399-500-4	Rebar Bonding Ground Assembly with a 4' of 500MCM Bare Copper Conductor	EA	N/A



Typical application

Thru Roof Ridge Mount (LP-TWTR-09)

A flexible base for air terminals that are installed under the roof surface. A 1/2" x 6" stainless steel all-thread and bolt type conductor connector are provided. No sealing washers, adapters or air terminals are included.

Item #	Description	Unit	Wt (lb)
2386	Bronze / Stainless Steel 6" Ridge Mounted Thru Roof - Accepts Copper or Alum Points (Points, Adapters and Sealing Washers Not Included)	EA	0.95

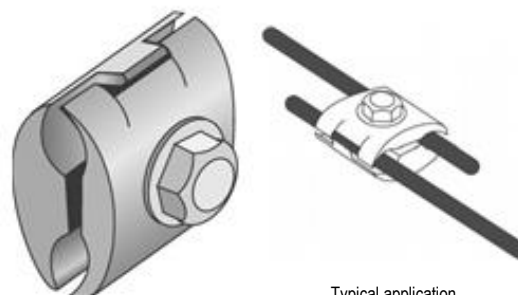


Typical application

Connector - Parallel (LP-C2CON-01)

A cast parallel connector for attaching conductor to conductor, or conductor to rod. The clamp provides for 1-1/2" of contact.

Item #	Description	Unit	Wt (lb)
900	Bronze Parallel Connector with 1-1/4" Bolt - Fits Conductor Sizes .292 to .528	EA	0.37
900-1	Bronze Parallel Connector with 1" Bolt - Fits Conductor Sizes .292 to .528	EA	0.37
900-2	Parallel Connector No Bolt, Drilled 17/32" - Fits Conductor Sizes .292 to .528	EA	0.33
900-2T	Parallel Connector Tinned No Bolt, Drilled 17/32" - Fits Conductor Sizes .292 to .528	EA	0.42
A900	Aluminum Parallel Connector with 1-1/4" Bolt - Fits Conductor Sizes .292 to .562	EA	0.15
A900-2	Aluminum Parallel Connector with No Bolt, Drilled 17/32" - Fits Conductor Sizes .292 to .562	EA	0.10

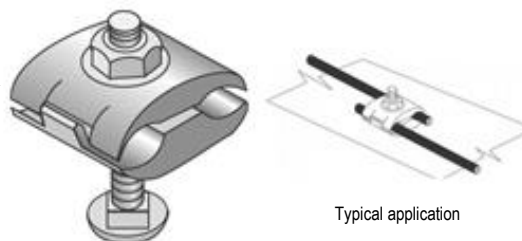


Typical application

Connector - One Bolt Parallel with Countersunk Bolt (LP-C2CON-02)

A cast parallel connector for attaching conductor to conductor, or conductor to rod. The clamp provides for 1-1/2" of contact. The bolt head is recessed into the connector to provide a smooth bottom surface.

Item #	Description	Unit	Wt (lb)
902	Bronze One Bolt Parallel Clamp with Countersunk Bolt - Fits Conductor Sizes .162 to .528	EA	0.41
902T	Tinned Bronze One Bolt Parallel Clamp with Countersunk Bolt - Fits Conductor Sizes .162 to .528	EA	0.47
A902	Aluminum One Bolt Parallel Clamp with Countersunk Bolt - Fits Conductor Sizes .167 to .562	EA	0.15

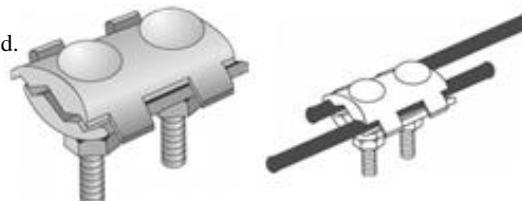


Typical application

Connector - Two Bolt Parallel (LP-C2CON-03)

A cast parallel connector for attaching conductor to conductor, or conductor to rod, or rod to rod. The clamp provides for 2" of contact.

Item #	Description	Unit	Wt (lb)
905	Bronze Heavy Duty Two Bolt Parallel Connector - Fits Conductor Sizes .162 to .528	EA	0.48
905T	Tinned Heavy Duty Two Bolt Parallel Connector - Fits Conductor Sizes .162 to .528	EA	0.48
A905	Aluminum Heavy Duty Two Bolt Parallel Connector - Fits Conductor Sizes .162 to .562	EA	0.22



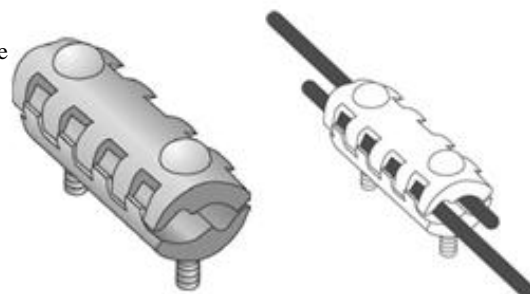
Typical application

Lightning Protection

Connector - Heavy Duty Parallel (LP-C2CON-04)

A cast connector for attaching conductor to conductor, conductor to rod, or rod to rod. The clamp provides for 4" of contact.

Item #	Description	Unit	Wt (lb)
910	Bronze Superior Parallel Two Bolt Connector - Fits Conductor Sizes .162 to .528	EA	0.84
A910	Aluminum Superior Two Bolt Parallel Connector - Fits Conductor Sizes .162 to .562	EA	0.30

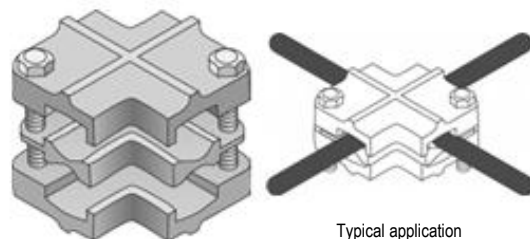


Typical application

Connector - Bronze Heavy Duty Multi-Purpose (LP-C2CON-05)

This versatile clamp can be used to connect many combinations of conductors, rods and air terminals.

Item #	Description	Unit	Wt (lb)
912	Bronze Heavy Duty Multi-Purpose Connector - Fits Conductor Sizes .292 to .528	EA	0.65
912-1	Bronze Heavy Duty Multi Purpose Connector - Fits Conductor Sizes .500 to 1.000	EA	2.16

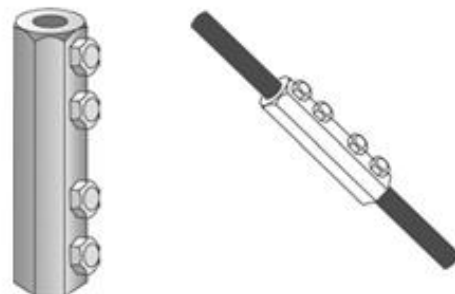


Typical application

Splicer - Hex Standard Straight (LP-C2CON-06)

A straight splicer suitable for Class I and Class II lightning and grounding conductor.

Item #	Description	Unit	Wt (lb)
917	Brass Standard Straight Connector - Accepts 129/#2 Solid Thru 268/#4/0 Cable	EA	0.35
917-1	H D Brass Straight Connector - Accepts 129/#2 Solid Thru 288/#250MCM Cable	EA	0.53
A917	Aluminum Std Straight Connector - Accepts A124 Thru A237 Cable	EA	0.18

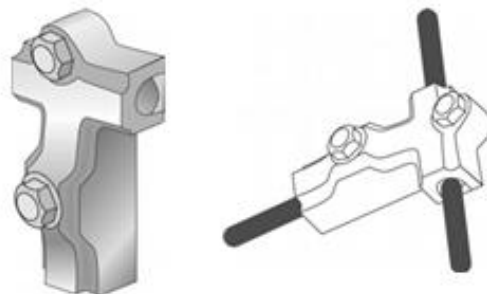


Typical application

Connector - Heavy Duty Tee (LP-C2CON-09)

A connector suitable for Class I and Class II lightning and grounding conductor.

Item #	Description	Unit	Wt (lb)
922	Bronze Heavy Duty Tee Connector - Fits Conductor Sizes .375 to .500	EA	0.73
922T	Tinned Bronze Heavy Duty Tee Connector - Fits Conductor Sizes .375 to .500	EA	0.73
A922	Aluminum Heavy Duty Tee Connector - Fits Conductor Sizes .375 to .500	EA	0.26

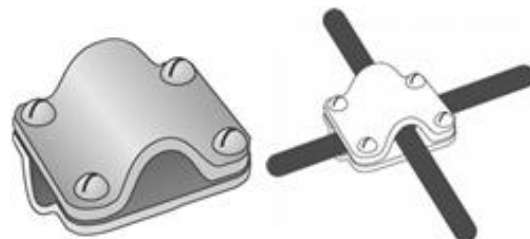


Typical application

Connector - Cross-Run (LP-C2CON-10)

A connector suitable for Class I and Class II lightning and grounding conductor.

Item #	Description	Unit	Wt (lb)
925	Copper Cross Run Connector - Fits Conductor Sizes .375 to .500	EA	0.56
A925	Aluminum Cross Run Connector - Fits Conductor Sizes .375 to .500	EA	0.15



Typical application

Connector - Hex Bimetal (LP-C2CON-12)

A bimetal straight connector used to connect copper and aluminum cables. A special joint between the brass and aluminum allows the two metals to be connected.

Item #	Description	Unit	Wt (lb)
927	Brass/Aluminum Bimetal Connector - Fits Conductor Sizes .292 to .500	EA	0.33



Typical application

Connector - Stainless Steel Heavy Duty Bimetal (LP-C2CON-13)

A one piece stainless steel bimetal connector for joining copper and aluminum cables.

Item #	Description	Unit	Wt (lb)
928	Stainless Steel Heavy Duty Bimetal Connector - Accepts 228/A124 Thru 288/A288 Cable	EA	0.34
928-2	Stainless Steel Heavy Duty Bimetal Connector - Accepts 129/A124 Thru 228/A128 Cable	EA	0.36



Typical application

Connector - Stainless Steel Parallel Secondary Bimetal (LP-C2CON-14)

A stainless steel bimetal connector for joining copper and aluminum secondary bonding cables, which provides 2" of contact on each conductor.

Item #	Description	Unit	Wt (lb)
929-1	Secondary Stainless Steel Bimetal Parallel Connector - Fits Conductor Sizes .292 to .562	EA	0.29
929-5	Bimetal Parallel Splicer - Aluminum Top with Bronze Bottom	EA	0.30
929-5LH-12	Bimetal Parallel Splicer Less Hardware - Aluminum Top, Stainless Shim and Bronze Bottom All Drilled Out 17/32"	EA	0.27



Illustrates the 929-1

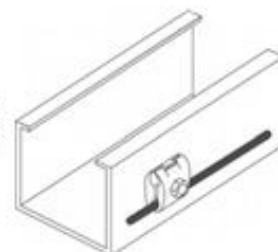


Illustrates the 929-5

Connector - Bolt Thru (LP-C2CON-17)

A cast connector for attaching up to two cables to flat metal surfaces.

Item #	Description	Unit	Wt (lb)
932	Bronze Bolt Thru Connector - Fits Conductor Sizes .292 to .528	EA	0.40
A932	Aluminum Bolt Thru Connector - Fits Conductor Sizes .292 to .562	EA	0.18

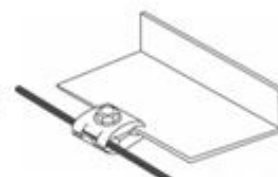


Typical application

Connector - Flat Metal (LP-C2CON-19)

A clamp connector for attaching a conductor to a flat metal surface. The clamp allows for 1-1/2 square inches of contact to steel.

Item #	Description	Unit	Wt (lb)
935	Bronze Flat Metal Connector - Fits Conductor Sizes .292 to .528, Maximum Plate Width .25"	EA	0.46
A935	Aluminum Flat Metal Connector - Fits Conductor Sizes .292 to .562, Maximum Plate Width .25"	EA	0.19



Typical application

Lightning Protection

Connector - Heavy Duty Flat Metal (LP-C2CON-20)

A heavy duty cast clamp connector for attaching a conductor to a flat metal surface. The clamp allows for 3-1/8 square inches of contact to steel.

Item #	Description	Unit	Wt (lb)
936	Bronze Heavy Duty Flat Metal Bonding Connector - Fits Conductor Sizes .292 to .528, Maximum Plate Width .25"	EA	0.63
A936	Aluminum Heavy Duty Flat Metal Bonding Connector - Fits Conductor Sizes .292 to .562, Maximum Plate Width .25"	EA	0.20

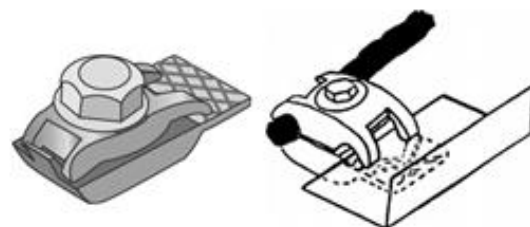


Typical application

Connector - Secondary Flat Metal (LP-C2CON-21)

A cast clamp connector for attaching a conductor to a flat metal surface. The clamp allows for 3/4 square inches of contact to steel.

Item #	Description	Unit	Wt (lb)
938	Bronze Secondary Flat Metal Bonding Connector - Fits Conductor Sizes .162 to .375, Maximum Plate Width .25"	EA	0.20
A938	Aluminum Secondary Flat Metal Connector- Fits Conductor Sizes .162 to .375, Maximum Plate Width .25"	EA	0.08

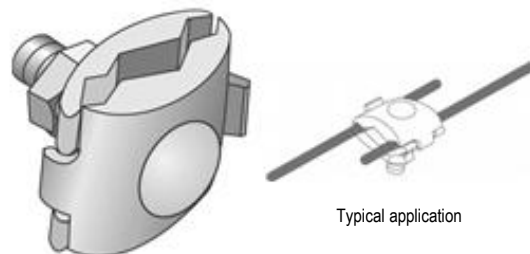


Typical application

Connector - Secondary (LP-C2CON-23)

A cast connector suitable for connecting two conductors, two rods or a conductor to a rod.

Item #	Description	Unit	Wt (lb)
940	Bronze Secondary Connector - Fits Conductor Sizes .162 to .528	EA	0.22
940T	Tinned Bronze Secondary Connector - Fits Conductor Sizes .162 to .528	EA	0.22
A940	Aluminum Secondary Connector - Fits Conductor Sizes .162 to .562	EA	0.11

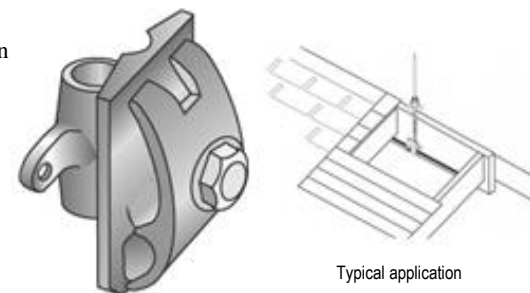


Typical application

Clamp - Concealed Base (LP-C2CON-24)

A cast connector for attaching a 1/2" rod to a conductor. This clamp is typically used in concealed air terminal assemblies.

Item #	Description	Unit	Wt (lb)
944	Bronze Concealed Base Clamp Only - Fits Conductor Sizes .375 to .500	EA	0.52
A944	Aluminum Concealed Base Clamp Only - Fits Conductor Sizes .375 to .500	EA	0.19

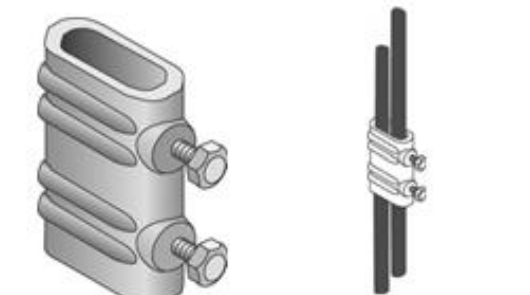


Typical application

Clamp - 1/2" Rod (LP-C2CON-25)

A cast two bolt rod clamp for connecting a conductor to a 1/2" rod.

Item #	Description	Unit	Wt (lb)
960	Bronze 1/2" Rod Clamp	EA	0.34
A960	Aluminum 1/2" Rod Clamp	EA	0.14



Typical application

Connector - Crimp Tee (LP-CRMP-01) A

stamped crimp connector for Class I applications.

Item #	Description	Unit	Wt (lb)
1505	Copper Tee Connector - Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.11
A1505	Aluminum Tee Connector Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.05



Typical application

Connector - Crimp Parallel (LP-CRMP-02)

A stamped crimp connector for Class I applications.

Item #	Description	Unit	Wt (lb)
1510	Copper Parallel Connector - Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.08
A1510	Aluminum Parallel Connector - Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.06
1510T	Tinned Copper Parallel Connector - Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.14



Typical application

Connector - Crimp Straight (LP-CRMP-03)

A stamped crimp connector for Class I applications.

Item #	Description	Unit	Wt (lb)
1515	Copper Straight Connector - Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.09
1515T	Copper Straight Connector Tinned - Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.12
A1515	Aluminum Straight Connector - Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.05



Typical application

Connector - Crimp - Standard to Secondary Bonding Conductor

(LP-CRMP-04)

A stamped crimp connector for joining a Class I conductor to a secondary bonding conductor.

Item #	Description	Unit	Wt (lb)
1520	Copper Standard to Secondary Bonding Conductor Connector Crimp Style Fits Conductor Sizes .162 to .250 Maximum Diameter	EA	0.07
A1520	Aluminum Standard to Secondary Bonding Conductor Connector Crimp Style Fits Conductor Sizes .162 to .250 Maximum Diameter	EA	0.02



Typical application

Connector - Crimp Bimetal Tee (LP-CRMP-05)

A stamped crimp connector suitable for joining copper and aluminum conductors.

Item #	Description	Unit	Wt (lb)
1525	Copper to Aluminum Tee Connector - Copper Tap with Aluminum Run-Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.05
A1525	Aluminum to Copper Tee Connector - Aluminum Tap with Copper Run-Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.05

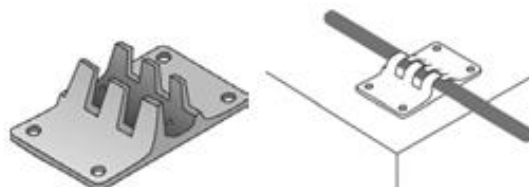


Typical application

Bonding Plate - Crimp (LP-CRMP-06)

A crimp plate for Class I applications.

Item #	Description	Unit	Wt (lb)
1535	Copper Bonding Plate - Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.22
1535T	Tinned Copper Bonding Plate - Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.23
A1535	Aluminum Bonding Plate - Crimp Style Fits Conductor Sizes .375 to .500 Maximum Diameter	EA	0.13



Typical application

Lightning Protection

Bonding Lug - Crimp (LP-CRMP-07)

A cast crimp lug for Class I applications.

Item #	Description	Unit	Wt (lb)
1545	Bronze Bonding Lug Crimp Style Fits .250 to .500 Maximum Conductors	EA	0.14
A1545	Aluminum Bonding Lug Crimp Style Fits .250 to .500 Maximum Conductors	EA	0.09



Typical application

Lug - Crimp Secondary Bonding (LP-CRMP-08)

Item #	Description	Unit	Wt (lb)
1547	Bronze Secondary Bonding Lug for Conductor Range of .162 to .250 Maximum	EA	0.05
A1547	Aluminum Secondary Bonding Lug for Conductor Range of .162 to .250 Maximum	EA	0.02



Typical application

Bonding Straps - Crimp (LP-CRMP-09)

A 1" wide bonding strap with crimp connectors.

Item #	Description	Unit	Wt (lb)
1540	Copper Bonding Strap for Pipe Range 3/4" to 2-1/2" Lightning Conductor Range #14 thru #228 , Grounding Conductor Range #2 thru 4/0	EA	0.49
1541-1	Copper Bonding Strap for Pipe Range 2" to 6-1/2" Lightning Conductor Range #14 thru #228 , Grounding Conductor Range #2 thru 4/0	EA	0.65
1544	Copper Bonding Strap for Pipe Range 6" to 10-1/2" Lightning Conductor Range #14 thru #228 , Grounding Conductor Range #2 thru 4/0	EA	0.88
A1540	Aluminum Bonding Strap with Crimp Connector for Pipe Range 3/4" to 2-1/2" Lightning Conductor Range #A14 thru #A128	EA	0.15
A1541-1	Aluminum Bonding Strap with Crimp Connector for Pipe Range 2" to 6-1/2" Lightning Conductor Range #A14 thru #A128	EA	N/A
A1544	Aluminum Bonding Strap with Crimp Connector for Pipe Range 6" to 10-1/2" Lightning Conductor Range #A14 thru #A128	EA	0.28

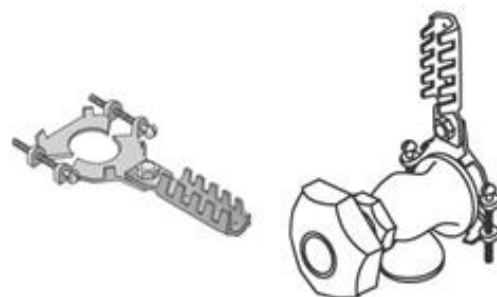


Typical application

Connector - Crimp Sill Cock Bonding (LP-CRMP-10)

A bronze connector designed to bond a conductor to an exterior sill cock that can be mounted on most standard sill cocks without removal.

Item #	Description	Unit	Wt (lb)
1550	Bronze Lead Coated Sill-Cock Bond - Fits Conductor Sizes .375 to .500	EA	0.39



Typical application

Connector - Heavy Duty Crimp Sill Cock Bonding (LP-CRMP-11)

A heavy duty bronze connector designed to bond a conductor to an exterior sill cock. This connector is mounted directly on the outlet tip and includes a hose attachment fitting. A sealing washer is also included.

Item #	Description	Unit	Wt (lb)
1560	Bronze Heavy Duty Sill-Cock Connector - Fits Conductor Sizes .375 to .500	EA	0.59



Typical application

Lightning Protection

Bonding Plate - Standard 2-Way (LP-C2BP-01) A cast bonding connector with eight square inches of contact surface.

Item #	Description	Unit	Wt (lb)
1003	Standard 2-Way Bronze Bonding Plate - Fits Conductor Sizes .292 to .528	EA	0.44
1003T	Standard 2-Way Tinned Bronze Bonding Plate - Fits Conductor Sizes .292 to .528	EA	0.64
A1003	Standard 2-Way Aluminum Bonding Plate - Fits Conductor Sizes .292 to .562	EA	0.16

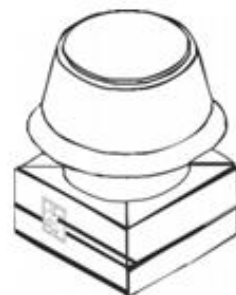


Typical application

Bonding Plate - Heavy Duty 1-Way (LP-C2BP-02)

A cast bonding connector with eight square inches of contact surface.

Item #	Description	Unit	Wt (lb)
1004	Heavy Duty 1-Way Bronze Bonding Plate - Fits Conductor Sizes .292 to .528	EA	0.63
1004T	Heavy Duty Tinned Bronze 1-Way Bonding Plate - Fits Conductor Sizes .292 to .528	EA	0.63
A1004	Heavy Duty 1-Way Aluminum Bonding Plate - Fits Conductor Sizes .292 to .562	EA	0.22

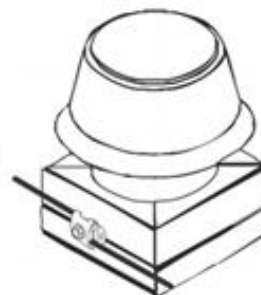


Typical application

Bonding Plate (LP-C2BP-03)

A cast bonding connector with three square inches of surface contact.

Item #	Description	Unit	Wt (lb)
1005	Three Square Inch Bronze Bonding Plate - Fits Conductor Sizes .292 to .528	EA	0.44
A1005	Three Square Inch Aluminum Bonding Plate - Fits Conductor Sizes .292 to .562	EA	0.16
1005BM	Three Square Inch Bi-Metal Bonding Plate for Bonding Aluminum Surface to Copper Conductor - Fits Conductor Sizes .292 to .528	EA	0.31



Typical application

Bonding Plate - Malleable (LP-C2BP-04)

A bonding connector that will accept two conductors. The plate will fit flat surfaces or can be formed to round surfaces to provide four square inches on contact.

Item #	Description	Unit	Wt (lb)
1008	Copper Malleable Bonding Plate - Fits Conductor Sizes .292 to .528	EA	0.53
A1008	Aluminum Malleable Bonding Plate - Fits Conductor Sizes .292 to .562	EA	0.50

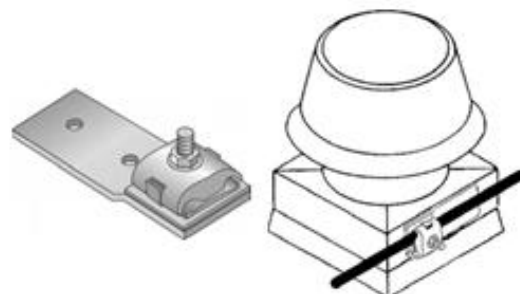


Typical application

Bonding Plate - Bimetal Malleable (LP-C2BP-05)

An aluminum plate and a bronze bonding connector separated by a stainless steel insert. Suitable for mounting copper conductor to vents or other aluminum fixtures. The bonded connector provides four square inches of contact.

Item #	Description	Unit	Wt (lb)
1009	Bimetal Malleable Bonding Plate - Fits Conductor Sizes .292 to .528	EA	0.53



Typical application

Bonding Plate - Heavy Duty (LP-C2BP-06)

A bonding connector with 16 square inches of contact surface.

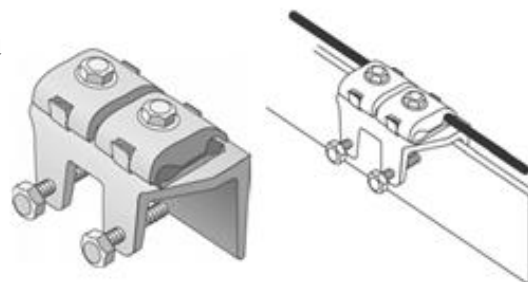
Item #	Description	Unit	Wt (lb)
1010	Bronze Heavy Duty Bonding Plate - Fits Conductor Sizes .375 to .500	EA	1.29
1010T	Tinned Bronze Heavy Duty Bonding Plate - Fits Conductor Sizes .375 to .500	EA	1.29
A1010	Aluminum Heavy Duty Bonding Plate - Fits Conductor Sizes .375 to .500	EA	0.46
1016	Sixteen Square Inch Bronze Bonding Plate with Two-Way Cable Holder - Fits Conductor Sizes .292 to .528	EA	1.43
A1016	Sixteen Square Inch Bronze Bonding Plate with Two-Way Cable Holder - Fits Conductor Sizes .292 to .562	EA	0.53
1016T	Sixteen Square Inch Tinned Bronze Bonding Plate with Two-Way Cable Holder - Fits Conductor Sizes .292 to .528	EA	1.43



Typical application

Bonding Plate - Heavy Duty Steel Flange (LP-C2BP-07) A bonding connector with eight square inches of contact surface. The clamp will bond steel up to 1" in thickness and accept multiple conductors.

Item #	Description	Unit	Wt (lb)
1020	Bronze Heavy Duty Flange Bonding Plate - Fits Conductor Sizes .292 to .528	EA	2.10
1020T	Tinned Bronze Heavy Duty Flange Bonding Plate - Fits Conductor Sizes .292 to .528	EA	2.00
A1020	Aluminum Heavy Duty Flange Bonding Plate - Fits Conductor Sizes .292 to .562	EA	0.75

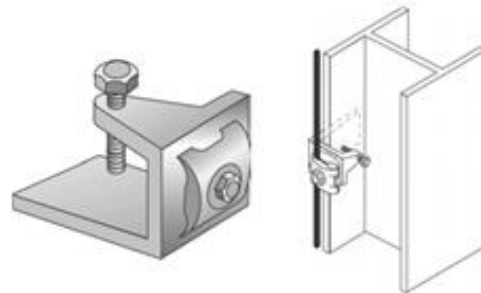


Typical application

Bonding Plate - One Bolt Steel Flange (LP-C2BP-08)

A bonding connector with four square inches of contact. The clamp will bond to steel up to 1" in thickness.

Item #	Description	Unit	Wt (lb)
1021	Bronze One Bolt Flange Bonding Plate - Fits Conductor Sizes .292 to .528	EA	1.02
A1021	Aluminum One Bolt Flange Bonding Plate - Fits Conductor Sizes .292 to .562	EA	0.37

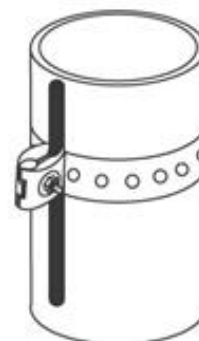


Typical application

Strap - Ground (LP-C2BS-01)

A ground strap used to bond pipes and round objects. The strap is 1" wide by 1/16" thick and is available in multiple lengths. The conductor is secured with a heavy duty cast bolt type conductor connector.

Item #	Description	Unit	Wt (lb)
1201	Copper Bonding Strap Fits 2" Thru 6-1/2" OD - Overall Length 22-1/4" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	0.36
1202	Copper Bonding Strap Fits 3/4" Thru 2-1/2" OD - Overall Length 10-13/16" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	0.29
1209	Copper Bonding Strap Fits 6" Thru 10-1/2" OD - Overall Length 35-7/16" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	0.42
1201T	Tinned Copper Bonding Strap Fits 2" Thru 6-1/2" OD - Overall Length 22-1/4" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	0.36
1202T	Tinned Copper Bonding Strap Fits 3/4" Thru 2-1/2" OD - Overall Length 10-13/16" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	0.29
1209T	Tinned Copper Bonding Strap Fits 6" Thru 10-1/2" OD - Overall Length 35-7/16" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	0.42
A1201	Aluminum Bonding Strap Fits 2" Thru 6-1/2" OD - Overall Length 22-1/4" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.27
A1202	Aluminum Bonding Strap Fits 3/4" Thru 2-1/2" OD - Overall Length 10-13/16" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.20
A1209	Aluminum Bonding Strap Fits 6" Thru 10-1/2" OD - Overall Length 35-7/16" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.33

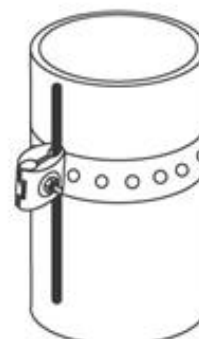


Vertical application

Strap - Heavy Duty Pipe (LP-C2BS-02)

The 2" wide, heavy duty strap qualifies as a water pipe bond as outlined in UL96 and UL96A.

Item #	Description	Unit	Wt (lb)
1240	Copper Heavy Duty Pipe Strap Fits 2" Thru 4-1/2" OD - Overall Length 20-11/16" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	1.40
1246	Copper Heavy Duty Pipe Strap Fits 4" Thru 6-1/2" OD - Overall Length 27-1/4" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	1.65
1248	Copper Heavy Duty Pipe Strap Fits 6" Thru 8-1/2" OD - Overall Length 33-7/8" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	1.92
1250	Copper Heavy Duty Pipe Strap Fits 8" Thru 10-1/2" OD - Overall Length 40-7/16" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	2.18
1260	Copper Heavy Duty Pipe Strap Fits 10" Thru 12-1/2" OD - Overall Length 47" - Connector Fits Grounding Conductor Sizes #2 Stranded - 4/0 Stranded	EA	2.45
A1240	Aluminum Heavy Duty Pipe Strap Fits 2" Thru 4-1/2" OD - Overall Length 20-11/16" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.61
A1246	Aluminum Heavy Duty Pipe Strap Fits 4" Thru 6-1/2" OD - Overall Length 27-1/4" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.72
A1248	Aluminum Heavy Duty Pipe Strap Fits 6" Thru 8-1/2" OD - Overall Length 33-7/8" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.85
A1250	Aluminum Heavy Duty Pipe Strap Fits 8" Thru 10-1/2" OD - Overall Length 40-7/16" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.97
A1260	Aluminum Heavy Duty Pipe Strap Fits 10" Thru 12-1/2" OD - Overall Length 47" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	1.08

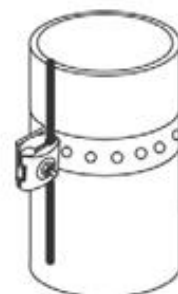


Vertical application

Strap - Secondary Bonding (LP-C2BS-03) A 1" wide

strap that utilizes a secondary cast bonding connector.

Item #	Description	Unit	Wt (lb)
1270	Copper Secondary Bonding Strap Fits 3/4" Thru 2-1/2" OD - Overall Length 10-13/16" - Connector Fits Grounding Conductor Sizes #6 Solid - 4/0 Stranded	EA	0.25
1272	Copper Secondary Bonding Strap Fits 2" Thru 6-1/2" OD - Overall Length 22-1/4" - Connector Fits Grounding Conductor Sizes #6 Solid - 4/0 Stranded	EA	0.32
1270T	Tinned Copper Secondary Bonding Strap Fits 3/4" Thru 2-1/2" OD - Overall Length 10-13/16" - Connector Fits Grounding Conductor Sizes #6 Solid - 4/0 Stranded	EA	0.25
1272T	Tinned Copper Secondary Bonding Strap Fits 2" Thru 6-1/2" OD - Overall Length 22-1/4" - Connector Fits Grounding Conductor Sizes #6 Solid - 4/0 Stranded	EA	0.32
A1270	Aluminum Secondary Bonding Strap Fits 3/4" Thru 2-1/2" OD - Overall Length 10-13/16" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.16
A1272	Aluminum Secondary Bonding Strap Fits 2" Thru 6-1/2" OD - Overall Length 22-1/4" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.23



Vertical application

Strap - Standard Bonding (LP-C2BS-04)

A 1" wide strap with a bonding lug connector.

Item #	Description	Unit	Wt (lb)
1280	Copper Bus Lug Bonding Strap Fits 3/4" Thru 2-1/2" OD - Overall Length 10-13/16" - Connector Fits Grounding Conductor Sizes #6 Solid - #2 Stranded	EA	0.41
1282	Copper Bus Lug Bonding Strap Fits 2" Thru 6-1/2" OD - Overall Length 22-1/4" - Connector Fits Grounding Conductor Sizes #6 Solid - #2 Stranded	EA	0.57
A1280	Aluminum Bus Lug Bonding Strap Fits 3/4" Thru 2-1/2" OD - Overall Length 10-13/16" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.17
A1282	Aluminum Bus Lug Bonding Strap Fits 2" Thru 6-1/2" OD - Overall Length 22-1/4" - Connector Fits Lightning Conductor Sizes A124 thru A237	EA	0.24



Horizontal application

Pavers - Loop (LP-PAVERS)

Concrete pavers include lead inserts to attach loop clips and air terminal bases. The anchors will accept #10 to #12 size screws.

Item #	Description	Unit	Wt (lb)
5112	Round Concrete Roof Paver 7-1/2" x 1-1/2" with #10" Lead Anchor for Loop	EA	5.80
5116	Round Concrete Roof Paver 10" x 1-1/2" with 2 #10 Lead Anchors for Base	EA	9.50



Loop - Conductor Nail (LP-LOOP-01)

Item #	Description	Unit	Wt (lb)
2410	Copper Conductor Nail Loop - Loop Width 3/8" - Hole Size 5/32" - Maximum Conductor Size .375"	EA	0.01
A2410	Aluminum Conductor Nail Loop - Loop Width 3/8" - Hole Size 5/32" - Maximum Conductor Size .375"	EA	0.01
2410T	Tinned Copper Conductor Nail Loop - Loop Width 3/8" - Hole Size 5/32" - Maximum Conductor Size .375"	EA	0.01



Typical application

Loop - Rubber Insulated (LP-LOOP-01a)

Item #	Description	Unit	Wt (lb)
2405	Rubber Insulated Stainless Steel Loop Clip	EA	0.04



Loop - Heavy Duty Conductor Nail (LP-LOOP-02)

Item #	Description	Unit	Wt (lb)
2420	Copper Heavy Duty Conductor Nail Loop - Loop Width 1/2" - Hole Size 1/8" - Maximum Conductor Size .437"	EA	0.01
A2420	Aluminum Heavy Duty Conductor Nail Loop - Loop Width 1/2" - Hole Size 1/8" - Maximum Conductor Size .437"	EA	0.01



Typical application

Straps - 1/2" Copper Clad Nail (LP-LOOP-02a)

Item #	Description	Unit	Wt (lb)
2411	1/2" Copper Clad Nail Straps	EA	0.04



Loop - 1/4" Holes (LP-LOOP-03)

Item #	Description	Unit	Wt (lb)
2425	Copper Conductor Loop - Loop Width 5/8" - Hole Size 1/4" - Maximum Conductor Size .437"	EA	0.01
2425T	Tinned Copper Conductor Loop - Loop Width 5/8" - Hole Size 1/4" - Maximum Conductor Size .437"	EA	0.01
2430	Copper Conductor Loop 1/4" Hole	EA	0.02
2430T	Tinned Copper Conductor Loop 1/4" Hole	EA	0.04



Typical application

Loop - Heavy Duty with 1/4" Holes (LP-LOOP-04)

Item #	Description	Unit	Wt (lb)
2450	Copper Heavy Duty Conductor Loop - Loop Width 5/8" - Hole Size 1/4" - Maximum Conductor Size .528"	EA	0.02
A2450	Aluminum Heavy Duty Conductor Loop - Loop Width 5/8" - Hole Size 1/4" - Maximum Conductor Size .562"	EA	0.01
2450T	Tinned Copper Heavy Duty Conductor Loop 1/4" Hole	EA	0.04



Typical application

Loop - Heavy Duty Large (LP-LOOP-05)

Item #	Description	Unit	Wt (lb)
2453	Copper Heavy Duty Loop - Loop Width 5/8" - Hole Size 1/4" - Maximum Conductor Size .625"	EA	0.03
A2453	Aluminum Heavy Duty Loop - Loop Width 5/8" - Hole Size 1/4" - Maximum Conductor Size .625"	EA	0.01
2453T	Tinned Copper Heavy Duty Loop 5/8" Width	EA	0.04



Typical application

Loop - Superior Conductor (LP-LOOP-06)

Item #	Description	Unit	Wt (lb)
2460	Copper Superior Conductor Loop - Loop Width 1" - Hole Size 1/4" - Maximum Conductor Size .528"	EA	0.04
A2460	Aluminum Superior Conductor Loop - Loop Width 1" - Hole Size 1/4" - Maximum Conductor Size .562"	EA	0.01
2460T	Tinned Copper 1" Wide Superior Conductor Loop	EA	0.06



Typical application

Loop - Secondary Conductor (LP-LOOP-07)

Item #	Description	Unit	Wt (lb)
2465	Copper Clip for Secondary Conductor - Loop Width 1/2" - Hole Size 1/4" - Maximum Conductor Size .250"	EA	0.01
A2465	Aluminum Clip for Secondary Conductor - Loop Width 1/2" - Hole Size 1/4" - Maximum Conductor Size .250"	EA	0.01

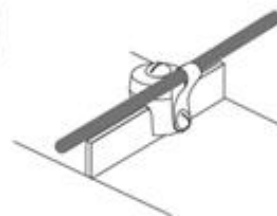


Typical application

Loop - Standing Seam Conductor (LP-LOOP-08)

A cast fastener for use in supporting conductors on a standing seam roof. The conductor loop can be used on the top or on the side of the fastener.

Item #	Description	Unit	Wt (lb)
2470	Bronze Standing Seam Conductor Loop - Maximum Conductor Size .528"	EA	0.14
A2470	Aluminum Standing Seam Conductor Loop - Maximum Conductor Size .562"	EA	0.07

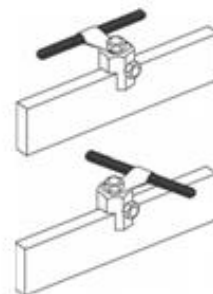


Typical application

Loop - Adjustable Conductor Support Clamp (LP-LOOP-09)

Provided with stainless steel hardware, the clamp will attach to surfaces up to 3/8" thick.

Item #	Description	Unit	Wt (lb)
2471	Brass / Copper Adjustable Loop Support for Objects Up to 3/8" Wide with Copper Conductor Loop - Maximum Conductor Size .437"	EA	0.14
2471-1	Brass / Copper Adjustable Loop Support for Objects Up to 3/8" Wide with Copper Conductor Loop - Maximum Conductor Size .528"	EA	0.15
A2471	Aluminum Adjustable Loop Support for Objects Up to 3/8" with Large Alum Loop Clip - Maximum Conductor Size .562"	EA	0.06



Typical application

Loop - Copper 3/4" OD (LP-LOOP-10)

Item #	Description	Unit	Wt (lb)
2495	Copper Conductor Guard Loop Clip - Loop Width 1" - Hole Size 5/16" - Conductor Size 3/4" OD	EA	0.07



Typical application

Cable Guard - PVC (GC-CONSP-09)

Provides an excellent means of concealing and protecting lightning conductors. Comes in a variety of colors.

Item #	Description	Unit	Wt (lb)
2631	White - 8' Molded PVC Cable Guard	EA	1.00
2632	Ivory - 8' Molded PVC Cable Guard	EA	1.00
2634	Brown - 8' Molded PVC Cable Guard	EA	1.00
2635	Grey - 8' Molded PVC Cable Guard	EA	1.00



Typical application

Conductor Support to Round Objects (LP-SPT-01)

Item #	Description	Unit	Wt (lb)
2482	Copper Pipe Rail Conductor Loop Fits 3/4" Thru 2-1/2" OD Pipe - Overall Length 10-13/16" - Lightning Conductor Range 129 thru 268 and Grounding Conductor Range 1/0 Stranded thru 4/0	EA	0.29
2486	Copper Pipe Rail Conductor Loop Fits 2" Thru 6-1/2" OD Pipe - Overall Length 22-1/4" - Lightning Conductor Range 129 thru 268 and Grounding Conductor Range 1/0 Stranded thru 4/0	EA	0.45
2489	Copper Pipe Rail Conductor Loop Fits 6" Thru 10-1/2" OD Pipe - Overall Length 35-7/16" - Lightning Conductor Range 129 thru 268 and Grounding Conductor Range 1/0 Stranded thru 4/0	EA	0.68
A2482	Aluminum Pipe Rail Conductor Loop Fits 3/4" Thru 2-1/2" OD Pipe - Overall Length 10-13/16" - Lightning Conductor Range A124 thru A237	EA	0.12
A2486	Aluminum Pipe Rail Conductor Loop Fits 4" Thru 6-1/2" OD Pipe - Overall Length 22-1/4" - Lightning Conductor Range A124 thru A237	EA	0.18
A2489	Aluminum Pipe Rail Conductor Loop Fits 8" Thru 10-1/2" OD Pipe - Overall Length 35-7/16" - Lightning Conductor Range A124 thru A237	EA	0.26

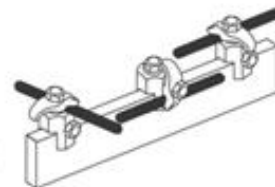


Typical application

Conductor Support - Adjustable (LP-SPT-02)

A support clamp with clasp and stainless steel hardware. The clamp will attach up to a 3/8" thick surface.

Item #	Description	Unit	Wt (lb)
2551	Brass/Bronze Adjustable Support with Clasp for Objects Up to 3/8" - Fits Conductor Sizes .162 to .500	EA	0.14
A2551	Aluminum Adjustable Support with Clasp for Objects Up to 3/8" - Fits Conductor Sizes .162 to .500	EA	0.06

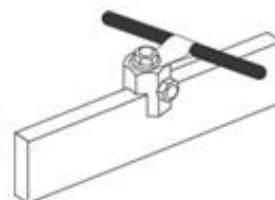


Typical application

Conductor Support - Adjustable for Loop (LP-SPT-03)

A bronze clamp for supporting conductors on objects up to 3/8" thick. The top hole is designed to accept a self-drilling #10 x 1/2" screw to attach a loop conductor support. The loop clip and screw are sold separately.

Item #	Description	Unit	Wt (lb)
2472	Brass Adjustable Support Clamp for Objects Up to 3/8" with 5/32" Hole	EA	0.11
2472-1	Brass Support Clamp for Objects Up to 1/2" with 5/32" Hole	EA	0.14
A2472	Aluminum Support Clamp for Objects Up to 3/8" with 5/32" Hole	EA	0.04
A2472-1	Aluminum Support Clamp for Objects Up to 1/2" with 5/32" Hole	EA	0.10



Typical application

Conductor Support - Adhesive (LP-SPT-04)

A stamped conductor support for mounting with adhesive on flat roofs and other surfaces that cannot be penetrated with fasteners.

Item #	Description	Unit	Wt (lb)
2510	Copper Adhesive Conductor Support - Overall Size 2-1/4" x 3-1/2" - Maximum Conductor Size .528	EA	0.09
A2510	Aluminum Adhesive Conductor Support - Overall Size 2-1/4" x 3-1/2" - Maximum Conductor Size .562	EA	0.04



Typical application

Conductor Support - Heavy Duty Adhesive (LP-SPT-05)

A cast conductor support for mounting with adhesive on flat roof and other surfaces that cannot be penetrated with fasteners.

Item #	Description	Unit	Wt (lb)
2520	Bronze Adhesive Conductor Support - Diameter 3-1/8" - Maximum Conductor Size .500	EA	0.30
A2520	Aluminum Adhesive Conductor Support - Diameter 3-1/8" - Maximum Conductor Size .500	EA	0.10



Typical application

Conductor Support - Standing Seam (LP-SPT-06)

Item #	Description	Unit	Wt (lb)
2474	Heavy Duty Stainless Steel / Bronze 1-Bolt Standing Seam Conductor Support - Fits up to 1" Wide Seam and Fits Lightning Conductor 14 thru 132	EA	0.20
A2474	Heavy Duty Stainless Steel/Aluminum 1-Bolt Standing Seam Conductor Support - Fits up to 1" Wide Seam and Fits Lightning Conductor 14 thru 132	EA	0.20



Conductor Support - Heavy Duty Standing Seam (LP-SPT-07)

Item #	Description	Unit	Wt (lb)
2475	Heavy Duty Stainless Steel/ Bronze 2-Bolt Standing Seam Conductor Support - Fits up to 1" Wide Standing Seam and Fits Lightning Conductor 14 thru 132	EA	0.40
A2475	Heavy Duty Stainless Steel/Aluminum 2-Bolt Standing Seam Conductor Support - Fits up to 1" Wide Seam and Fits Lightning Conductor 14 thru 132	EA	0.40



Lightning Protection

Conductor Support - Snap Clip (LP-SPT-08)

Snap clip conductor supports provide an easy attachment of conductors to the flanges of structural shapes. See item descriptions for ranges of flange and conductor sizes.

Item #	Description	Unit	Wt (lb)
2480-SC2C	Caddy Snap Clip - Flange Conductor Support - Fits Flanges 1/16" Thru 5/32" Thick and Conductors .398 Thru .433 Diameter	EA	0.01
2480-SC4D	Caddy Snap Clip - Flange Conductor Support - Fits Flanges 3/16" Thru 9/32" Thick and Conductors .468 Thru .562 Diameter	EA	N/A



Threaded Rod - Galvanized (HW-ROD-01)

Item #	Description	Unit	Wt (lb)
4310G-312	3/8" x 3-1/2" Galvanized All Thread	EA	0.12
4310G-4	3/8" x 4" Galvanized All Thread	EA	0.14
4310G-612	3/8" x 6-1/2" Galvanized Threaded Rod	EA	0.22
4310G-15	3/8" x 14-15/16" Galvanized All Thread	EA	0.36
4310G-18	3/8" x 15" Galvanized All Thread	EA	0.60
4310G-24	3/8" x 23-15/16" Galvanized All Thread	EA	0.80
4310G-36	3/8" x 36" (3') Galvanized Threaded Rod	EA	1.20
4375G-6	1/2" x 6" Galvanized Threaded Rod	EA	0.40
4375G-8	1/2" x 8" Galvanized All Thread	EA	0.50
4375G-10	1/2" x 10" Galvanized All Thread	EA	0.60
4375G-12	1/2" x 12" Galvanized Threaded Rod	EA	0.70
4375G-13	1/2" x 13" Galvanized Threaded Rod	EA	0.58
4375G-15	1/2" x 15" Galvanized All Thread	EA	0.68
4375G-18	1/2" x 18" Galvanized All Thread	EA	1.10
4375G-36	1/2" x 36" (3') Galvanized All Thread	EA	2.10
4375G	1/2" x 72" (6') Galvanized Threaded Rod	EA	4.20
4325G-4	5/8" x 4" Galvanized Threaded Rod	EA	0.40
4325G-6	5/8" x 6" Galvanized Threaded Rod	EA	0.60
4325G-7	5/8" x 7" Galvanized Threaded Rod	EA	0.60
4325G-8	5/8" x 8" Galvanized Threaded Rod	EA	0.70
4325G-10	5/8" x 10" Galvanized All Thread	EA	0.90
4325G-24	5/8" x 23-15/16" Galvanized All Thread	EA	2.20
4325G-36	5/8" x 36" (3') Galvanized All Thread	EA	3.30
4325G	5/8" x 72" (6') Galvanized Threaded Rod	EA	6.60
4380G-9	3/4" x 9" Galvanized All Thread Rod	EA	1.20
4380G-13	3/4" x 13" Galvanized All Thread Rod	EA	1.70
4380G-15	3/4" x 15" Galvanized All Thread Rod	EA	2.00
4380G-22	3/4" x 22" Galvanized All Thread Rod	EA	2.92
4380G-24	3/4" x 24" Galvanized All Thread Rod	EA	3.20
4380G-28	3/4" x 28" Galvanized All Thread Rod	EA	3.70
4380G-72	3/4" x 72" (6') Galvanized Threaded Rod	EA	9.55
4380G	3/4" x 144" (12') Galvanized Threaded Rod (A-36 , Yield Strength 36,000)	EA	19.10

Threaded Rod - Brass (HW-ROD-02)

Item #	Description	Unit	Wt (lb)
4312-9	3/8" x 9" Brass All Thread	EA	0.29
4312-12	3/8" x 12" Brass All Thread	EA	0.38
4312-16	3/8" x 16" Brass All Thread	EA	0.51
4312-18	3/8" x 18" Brass All Thread	EA	0.57
4312-24	3/8" x 24" Brass All Thread	EA	0.76
4312-36	3/8" x 36" Brass All Thread	EA	1.14
4312	3/8" x 72" (6') Brass Threaded Rod	EA	2.29
4320-4.5	1/2" x 4-1/2" Brass All Thread	EA	0.25
4320-9	1/2" x 9" Brass All Thread	EA	0.51
4320-12	1/2" x 12" Brass All Thread	EA	0.68
4320-18	1/2" x 18" Brass All Thread	EA	1.02
4320-24	1/2" x 24" Brass All Thread	EA	1.36
4320-36	1/2" x 36" Brass All Thread	EA	2.03
4320	1/2" x 72" (6') Brass Threaded Rod (1/2-13)	EA	4.07

Threaded Rod - Stainless Steel (HW-ROD-03)

Item #	Description	Unit	Wt (lb)
4305	1/4" Dia x 36" (3') Long Stainless Steel Threaded Rod	EA	0.47
4306	6mm Dia x 36" (3') Long Stainless Steel Threaded Rod	EA	0.36
4310-2.5	3/8" x 2-1/2" Stainless Steel Threaded Rod	EA	0.07
4310-6	3/8" x 6" Stainless Steel All Thread	EA	0.18
4310-7	3/8" x 7" Stainless Steel All Thread	EA	0.18
4310-9	3/8" x 9" Stainless Steel All Thread	EA	0.26
4310-10	3/8" x 10" Stainless Steel All Thread	EA	0.26
4310-12	3/8" x 12" Stainless Steel All Thread	EA	0.35
4310-15	3/8" x 15" Stainless Steel Threaded Rod	EA	0.44
4310-16	3/8" x 16" Stainless Threaded Rod	EA	0.47
4310-18	3/8" x 18" Stainless Steel All Thread	EA	0.53
4310-24	3/8" x 24" Stainless Steel All Thread	EA	0.71
4310-36	3/8" x 36" (3') Stainless Steel All Thread	EA	1.06
4310	3/8" x 72" (6') 304 Stainless Steel Threaded Rod	EA	1.80
4310-144	3/8" x 144" (12') Stainless Steel All Thread	EA	3.60
4315-3	1/2" x 3" Stainless Steel Threaded Rod	EA	0.16
4315-4.5	1/2" x 4.5" Stainless Threaded	EA	0.24
4315-5	1/2" x 5" Stainless Steel Threaded Rod	EA	0.26
4315-6	1/2" x 6" Stainless Threaded Rod	EA	0.31
4315-6.75	1/2" x 6.75" Stainless Threaded Rod	EA	0.35
4315-8	1/2" x 8" Stainless Steel All Thread	EA	N/A
4315-9	1/2" x 9" Stainless Steel All Thread	EA	0.47
4315-12	1/2" x 12" Stainless Steel All Thread	EA	0.63
4315-16	1/2" x 16" Stainless Threaded	EA	0.84
4315-18	1/2" x 18" Stainless All Thread	EA	0.79
4315-24	1/2" x 24" Stainless Steel All Thread	EA	1.25
4315-30	1/2" x 30" Stainless Threaded All Thread	EA	1.57
4315-36	1/2" x 36" Stainless Steel All Thread	EA	1.88
4315	1/2" x 72" (6') 304 Stainless Steel Threaded Rod	EA	3.76
4325	5/8" x 36" (3') 304 Stainless Steel Threaded Rod	EA	2.94

Threaded Rod - Nylon (HW-ROD-04)

Item #	Description	Unit	Wt (lb)
4313	1/4" - 20 x 48" (4') Nylon All Thread	EA	0.09
4314	3/8" -16 x 48" (4') Nylon All Thread	EA	0.20
4314-4.5	3/8"x 4" Long Nylon All Thread	EA	0.02

Bolt - Stainless Steel Hex Tap (HW-BOLT-01)

Item #	Description	Unit	Wt (lb)
4400-2	#10 - 24 HWH Stainless Steel Bolt 5/8" Fully Threaded	EA	0.01
4400	1/4" x 1/2" Stainless Steel Hex Tap Bolt	EA	0.01
4401	1/4" x 5/8" Stainless Steel Hex Tap Bolt	EA	0.01
4402	1/4" x 3/4" Stainless Steel Hex Tap Bolt	EA	0.02
4403	1/4" x 1" Stainless Steel Hex Tap Bolt	EA	0.02
4403-1	1/4" x 1-1/4" Stainless Steel Hex Tap Bolt	EA	0.02
4404	1/4" x 1-1/2" Stainless Steel Hex Tap Bolt	EA	0.02
4405	1/4" x 2" Stainless Steel Hex Tap Bolt	EA	0.03
4406	1/4" x 2-1/2" Stainless Steel Hex Tap Bolt	EA	0.03
4407	1/4" x 3/8" Stainless Steel Hex Tap Bolt	EA	0.01
4411	5/16" x 3/8" Stainless Steel Hex Tap Bolt	EA	0.02
4410	5/16" x 1/2" Stainless Steel Hex Tap Bolt	EA	0.02
4411-2	5/16" x 5/8" Stainless Steel Hex Tap Bolt	EA	0.02
4412	5/16" x 3/4" Stainless Steel Hex Tap Bolt	EA	0.02
4412-1	5/16" x 7/8" Stainless Hex Tap Bolt	EA	0.03
4413	5/16" x 1" Stainless Steel Hex Tap Bolt	EA	0.03
4417	5/16" x 1-1/4" Stainless Steel Hex Tap Bolt	EA	0.03
4414	5/16" x 1-1/2" Stainless Steel Hex Tap Bolt	EA	0.04
4414-5	5/16" x 1-3/4" Stainless Steel Hex Tap Bolt	EA	0.04
4415	5/16" x 2" Stainless Steel Hex Tap Bolt	EA	0.04
4416	5/16" x 2-1/2" Stainless Steel Hex Tap Bolt	EA	0.05
4418	5/16" x 4" Stainless Steel Hex Tap Bolt	EA	0.08
4420	3/8" x 1/2" Stainless Steel Hex Tap Bolt	EA	0.03
4421	3/8" x 5/8" Stainless Steel Hex Tap Bolt	EA	0.03
4422	3/8" x 3/4" Stainless Steel Hex Tap Bolt	EA	0.04
4423	3/8" x 1" Stainless Steel Hex Tap Bolt	EA	0.04
4427	3/8" x 1-1/4" Stainless Steel Hex Tap Bolt	EA	0.05
4424	3/8" x 1-1/2" Stainless Steel Hex Tap Bolt	EA	0.05
4424-5	3/8" x 1 3/4" Stainless Steel Hex Tap Bolt	EA	0.06
4425	3/8" x 2" Stainless Steel Hex Tap Bolt	EA	0.06
4426	3/8" x 2-1/2" Stainless Steel Hex Tap Bolt	EA	0.08
4451	1/2" x 3/4" Stainless Steel Hex Tap Bolt	EA	0.07
4453	1/2" x 1" Stainless Steel Hex Tap Bolt	EA	0.08
4454	1/2" x 1-1/2" Stainless Steel Hex Tap Bolt	EA	0.11
4455	1/2" x 2" Stainless Steel Hex Tap Bolt	EA	0.13
4456	1/2" x 2-1/2" Stainless Steel Hex Tap Bolt	EA	0.15
4466	5/8 x 1 Stainless Steel Hex Tap Bolt	EA	0.15



Bolt - Galvanized Hex Tap (HW-BOLT-06)

Item #	Description	Unit	Wt (lb)
4423G	3/8" x 1" Type 1 Grade 5 Galvanized Hex Tap Bolt	EA	0.04
4424G	3/8" x 1-1/2" Type 1 Grade 5 Galvanized Hex Tap Bolt	EA	0.06
4425G	3/8" x 2" Type 1 Grade 5 Galvanized Hex Tap Bolt	EA	0.15
4454G	1/2" x 1-1/2" Type 1 A325-T Galvanized Hex Tap Bolt	EA	0.15
4455G	1/2" x 2" Type 1 A325 Galvanized Hex Tap Bolt	EA	0.34
4454G-6	1/2" x 6" Type A325 Galvanized Hex Tap Bolt with 1" of Threads	EA	0.38
4467G	5/8" x 2" A325 Galvanized Hex Tap Bolt - Fully Threaded	EA	0.25
4467G-112	5/8" x 1-1/2" A325 Galvanized Hex Tap Bolt - Fully Threaded	EA	0.22
4468G	5/8" x 2 1/2" A325 Galvanized Hex Tap Bolt- Fully Threaded	EA	0.34
4470G	3/4" x 2-1/2" Type 1 A325-T Galvanized Bolt - Fully Threaded	EA	0.50
4471G	3/4 x 3 Type 1 A325-T Galvanized Bolt - Fully Threaded	EA	0.55
4472G	3/4 x 3-1/2 Type 1 A325 Galvanized Boltwith 2" Shank	EA	0.62
4473G-1X234	1" x 2-3/4" Type A325 Galvanized Bolt (Not Fully Threaded)	EA	N/A
4473G-1X314	1" x 3-14" Type A325 Galvanized Bolt Not Fully Threaded	EA	N/A



J-Bolt - Galvanized (HW-BOLT-07)

Item #	Description	Unit	Wt (lb)
4480G	Galvanized J-Bolts A36 Material 3/8" x 8" x 3/8" Radius x 1" Hook x 6 -1/2" of Threads	EA	0.30



U-Bolt - Stainless Steel (HW-UBT-01)

Item #	Description	Unit	Wt (lb)
4490	1/4" x 1-3/4" x 1-1/4" Stainless Steel U-Bolt 1" Threads - Pipe Size 1" OD	EA	0.06
4497	5/16" x 2-3/4" x 13/16" Stainless Steel U-Bolt with 2-1/8" Threads - Pipe Size 3/4" OD	EA	0.14
4498	5/16" x 3" x 1-1/16" Stainless Steel U-Bolt with 2-1/8" Threads - Pipe Size 1" OD	EA	0.15
4496	5/16" x 2-1/2" x 2" Stainless Steel U-Bolt with 1-3/8" Threads - Pipe Size 1-7/8" OD	EA	0.14
4492	5/16" x 2-11/16" x 2-1/2" Stainless Steel U-Bolt with 1-1/2" Threads - Pipe Size 2-3/8" OD	EA	0.16
4493	5/16" x 4" x 3-3/4" Stainless Steel U-Bolt with 2-1/4" Threads - Pipe Size 3-1/2" OD	EA	0.23
4494	5/16" x 5" x 4-3/4" Stainless Steel U-Bolt with 2-1/2" Threads - Pipe Size 4-1/2" OD	EA	0.29
4495	5/16" x 7" x 6-3/4" Stainless Steel U-Bolt with 3 5/8" Threads - Pipe Size 6-5/8" OD	EA	0.40
4477	3/8" x 4" x 2" Stainless Steel U-Bolt with 2-1/2" Threads - Pipe Size 1-7/8" OD	EA	0.30
4477-1	3/8" x 4-1/2" x 2-7/16" Stainless Steel U-Bolt with 2-1/2" Threads - Pipe Size 2-3/8" OD	EA	0.34
4499-4	1/2" x 4-1/4" x 2-7/16" Stainless Steel U-Bolt with 2-1/2" Threads - Pipe Size 2-3/8" OD	EA	0.59
4499-1	1/2" x 4 -1/8" x 2-7/8" Stainless Steel U-Bolt with 3" Threads - Pipe Size 2-7/8" OD	EA	0.59
4499-2	1/2" x 4 -1/2" x 3" Stainless Steel U-Bolt with 3" Threads - Pipe Size 2-7/8" OD	EA	0.64
4499	1/2" x 5 -13/16" x 3-9/16" Stainless Steel U-Bolt with 3" Threads - Pipe Size 3-1/2" OD	EA	0.80
4485-1	5/8" x 7-1/2" x 5" Stainless Steel U-Bolt with 4 -3/8" Threads - Pipe Size 4-1/2" OD	EA	1.64



U-Bolt - Galvanized (HW-UBT-03)

Dimension listed are as follows: "Nominal diameter" X "length from inside of U to threaded tip " X "inside width between threads"

Item #	Description	Unit	Wt (lb)
4477G	3/8" x 3" x 2-1/16" Galvanized U-Bolt with Maximum Threads - Fits 1.9" OD Pipe	EA	0.26
4477-1G	3/8" x 4-1/4" x 2-7/16" Galvanized U-Bolt with 2-3/4" Threads - Fits 2-3/8" OD Pipe	EA	0.35
4477-2G	3/8" x 5-13/16" x 3-9/16" Galvanized U-Bolt with 3-1/2" Threads - Fits 3-1/2" OD Pipe	EA	0.47
4477-3G	3/8" x 6-3/8" x 4-1/8" Galvanized U-Bolt - Fits 4" OD Pipe	EA	0.52
4499-4G	1/2" x 4" x 2-1/2" Galvanized U-Bolt with 2" of Threads - Fits 2-3/8" OD Pipe	EA	0.63
4499-2G	1/2" x 4 -1/2" x 3" Galvanized U-Bolt with 3" of Threads - Fits 2-7/8" OD Pipe	EA	0.68
4499G	1/2" x 5-13/16" x 3-9/16" Galvanized U-Bolt with 3-1/4" of Threads - Fits 3-1/2" OD Pipe	EA	0.85
4499-3G	1/2" x 5-3/8" x 4-1/8" Galvanized U-Bolt with 4" of Threads - Fits 4" OD Pipe	EA	0.85
4499-5G	1/2" x 7" x 4-5/8" Galvanized U-Bolt with 4-1/2" of Threads - Fits 4-1/2" OD Pipe	EA	1.03
4499-7G	1/2" x 7-15/32" x 5-11/16" Galvanized U-Bolt with Maximum Threads - Fits 5-9/16" OD Pipe	EA	1.17
4485G	5/8" x 4" x 2-1/16" Galvanized U-Bolt with 2-1/2" of Threads Fits 1.9" OD Pipe	EA	0.94
4485-3G	5/8" x 4-1/2" x 3" Galvanized U-Bolt with Maximum Threads	EA	1.08
4485-4G	5/8" x 6-3/8" x 4-1/8" Galvanized U-Bolt with Maximum Threads	EA	1.48
4485-5G	5/8" x 7" x 4-5/8" Galvanized U-Bolt with Maximum Threads	EA	1.62



Screw - Stainless Steel Self-Tapping Hex (HW-SCR-01)

Item #	Description	Unit	Wt (lb)
4510	#10 x 1/2" HWH Stainless Steel Tek Screw SD2	EA	0.01
4512	#12 x 3/4" HWH Stainless Steel Tek Screw SD2	EA	0.01



Screw - Stainless Steel Self-Tapping Hex with Seal Washer (HW-SCR-02)

Item #	Description	Unit	Wt (lb)
4512-1	#12 x 3/4" HWH Stainless Steel Tek Screw SD2 with Seal Washer	EA	0.01



Screw - Stainless Steel Self-Drilling Hex (HW-SCR-03)

Item #	Description	Unit	Wt (lb)
4513	#12-24 x 1-1/4" HWH Stainless Steel Struc St Screw #4 Point	EA	0.01
4514	#12-24 x 1-1/2" Hwh Stainless Steel Struc St Screw #5 Point	EA	0.01
4520-1	#14 x 1" 410 Stainless Steel Self Tapping Screw without Washer	EA	0.01



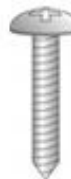
Screw - Stainless Steel A-Point Hex (HW-SCR-04)

Item #	Description	Unit	Wt (lb)
4518-1	#8 x 5/8" HWH Stainless Steel A-Point Screw with 1/4" Head	EA	0.01
4515-1	#10 x 1/2" HWH Stainless Steel A-Point Screw	EA	0.01
4515	#10 x 3/4" HWH Stainless Steel A-Point Screw	EA	0.01
4517	#10 x 1" HWH Stainless Steel A-Point Screw	EA	0.01
4519	#10 x 1-1/2" HWH Stainless Steel A-Point Screw	EA	0.01



Screw - Stainless Steel A-Point Phillips Pan (HW-SCR-05)

Item #	Description	Unit	Wt (lb)
4518	#8 x 1" Phillips Pan Stainless Steel A-Point Screw	EA	0.01
4521	#10 x 1-1/2" Stainless Steel A-Point Screw Pan Head Phillips	EA	0.01



Screw - Stainless Steel A-Point Phillips Flathead (HW-SCR-06)

Item #	Description	Unit	Wt (lb)
4522	#12 x 1-1/2" Stainless Steel A-Point Screw Counter Sunk, Flat Head Phillips	EA	0.01
4524	#14 x 1-1/2" Stainless Steel A-Point Screw Counter Sunk, Flat Head Phillips	EA	0.01



Nut - Toggle Wing (HW-NUT-01)

Item #	Description	Unit	Wt (lb)
4600-12	1/2" Toggle Wing Nut	EA	0.17



Nut - Hex (HW-NUT-02)

Item #	Description	Unit	Wt (lb)
4610	1/4" Stainless Steel Hex Nut	EA	0.01
4620	3/8" Stainless Steel Hex Nut	EA	0.02
4630	5/16" Stainless Steel Hex Nut	EA	0.01
4650	1/2" Stainless Steel Hex Nut	EA	0.04
4660	5/8" Stainless Steel Hex Nut	EA	0.07
4670	3/4" Stainless Steel Hex Nut	EA	0.12
4620G	3/8" 2H-A194 Grade Galvanized Steel Hex Nut	EA	0.03
4650G	1/2" A-563 DH Grade Galvanized Steel Hex Nut	EA	0.06
4660G	5/8" A-563 DH Grade Galvanized Steel Nut	EA	0.11
4670G	3/4" A-563 DH Grade Galvanized Steel Nut	EA	0.19
4680G	1" A563 DH Grade Galvanized Steel Nut	EA	0.40



Nut - Stainless Steel Jam (HW-NUT-03)

Item #	Description	Unit	Wt (lb)
4651	1/2" Stainless Steel Jam Nut	EA	0.03
4661	5/8" Stainless Steel Jam Nut	EA	0.05



Washer (HW-WSH-01)

Item #	Description	Unit	Wt (lb)
4710	1/4" x 5/8" OD Stainless Steel Washer	EA	0.01
4720	3/8" x 7/8" OD Stainless Steel Washer	EA	0.01
4730	5/16" x 3/4" OD Stainless Steel Washer	EA	0.01
4750	1/2" x 1-1/4" OD Stainless Steel Washer	EA	0.02
4760	5/8" x 1-1/2" OD Stainless Steel Washer	EA	0.03
4770	3/4" x 1-3/4" OD Stainless Steel Washer	EA	0.06
4720G	3/8" x 1" OD USS Grade 8 Through Hardened Galvanized Steel Flat Washer	EA	0.01
4750G	1/2" x 1-1/16" OD F-436 Galvanized Steel Flat Washer	EA	0.02
4760G	5/8" x 1-5/16" F-436 Galvanized Steel Flat Washer	EA	0.40
4770G	3/4" x 1-1/2" OD F-436 Galvanized Steel Flat Washer	EA	0.05



Washer - Specialty Sealing (HW-WSH-02)

Item #	Description	Unit	Wt (lb)
4728	3/8" ID x 1-1/2" OD Neoprene Washer	EA	0.02
4758	1/2" ID x 2" OD Neoprene Washer	EA	0.02
4717	1/4" Nylon Washer ID .310 x 1.175, .125 Thick	EA	0.01
4717-1	5/8" ID x 1" OD x .185 Thick Nylon Washer	EA	0.01
4759	1/2" x 1-3/4" OD Lead Washer	EA	0.06



Washer - Fender (HW-WSH-04)

Item #	Description	Unit	Wt (lb)
4711	1/4" x 1" OD Stainless Steel Fender Washer	EA	0.01
4721	3/8" x 1-1/2" OD Stainless Steel Fender Washer	EA	0.02
4731	5/16" x 1-1/2" OD Stainless Steel Fender Washer	EA	0.02
4751	1/2" x 2" OD Stainless Steel Fender Washer - .062 Thick	EA	0.05
4751-3	1/2" x 3" OD Stainless Steel Fender Washer - .062 Thick	EA	0.12
4751-4	1/2" x 4" OD Stainless Steel Fender Washer - .062 Thick	EA	0.14
4720FG	3/8" x 1-1/2" OD Galvanized Fender Washer	EA	0.03
4751G	1/2" x 2" OD Galvanized Fender Washer	EA	0.07



Washer - Lock (HW-WSH-05)

Item #	Description	Unit	Wt (lb)
4714	1/4" Stainless Steel Lockwasher	EA	0.01
4724	3/8" Stainless Steel Lockwasher	EA	0.01
4734	5/16" Stainless Steel Lockwasher	EA	0.01
4754	1/2" Stainless Steel Lockwasher	EA	0.01
4764	5/8" Stainless Steel Lockwasher	EA	0.02
4774	3/4" Stainless Steel Lockwasher	EA	0.04
4724G	3/8" F-844 Galvanized Lockwasher	EA	0.01
4754G	1/2" F-844 Galvanized Lockwasher	EA	0.02
4764G	5/8" F-844 Galvanized Lockwasher	EA	0.03
4774G	3/4" F-844 Galvanized Lockwasher	EA	0.04



Washer - Stainless Steel Star Lock with External Teeth (HW-WSH-07)

Item #	Description	Unit	Wt (lb)
4715	1/4" Stainless Steel Star Lockwasher with External Teeth	EA	0.01
4725	3/8" Stainless Steel Star Lockwasher with External Teeth	EA	0.01
4732	5/16" Stainless Steel Star Lockwasher with External Teeth	EA	0.01
4755	1/2" Stainless Steel Star Lockwasher with External Teeth	EA	0.01



Washer - Stainless Steel Belleville (HW-WSH-08)

Item #	Description	Unit	Wt (lb)
4718	1/4" Stainless Steel Belleville Washer 1/2" OD .022 Thick	EA	0.01
4727	3/8" Stainless Steel Belleville Washer 3/4" OD .028 Thick	EA	0.01
4757	1/2" Stainless Steel Belleville Washer 1 1/4" OD .125 Thick	EA	0.03



Washer - Stainless Steel Fender Angled (HW-WSH-09)

Item #	Description	Unit	Wt (lb)
4751-30	1/2" x 2" OD Stainless Fender Washer .062 Thick Bent 30 Degrees	EA	0.05
4751-60	1/2" x 2" OD Stainless Fender Washer .062 Thick Bent 60 Degrees	EA	0.05
4751-90	1/2" x 2" OD Stainless Fender Washer .062 Thick Bent 90 Degrees	EA	0.05



Washer - Stainless Steel Dragon Tooth (HW-WSH-10)

Item #	Description	Unit	Wt (lb)
4753-1	5/16" Dragon Tooth Washer	EA	0.01
4753-2	3/8" Dragon Tooth Washer	EA	0.01
4753	1/2" Dragon Tooth Washer	EA	0.01



Anchor - Drop-in (HW-ANCR-03)

For heavy duty and overhead applications in concrete and stone (requires setting tool sold separately).

Item #	Description	Unit	Wt (lb)
4819	1/4" x 1-1/8" Carbon Steel Drop-In Anchor (Requires 3/8" dia hole)	EA	0.03
4820	3/8" x 1-9/16" Carbon Steel Drop-In Anchor D38 (Requires 1/2" dia hole)	EA	0.06
4830	1/2" x 2" Carbon Steel Drop-In Anchor (Requires 5/8" dia hole)	EA	0.12
4819-2	1/4" x 2-1/4" Stainless Steel Sleeve Anchor	EA	0.03
4822	3/8" x 1-7/8" Stainless Steel Sleeve Anchor	EA	0.06
4832	5/8" x 2-1/2" Stainless Steel Drop-In Anchor (Requires 3/4" dia hole)	EA	0.35



Anchor - Stainless Steel Hammer Drive (HW-ANCR-06)

A relatively tamperproof mushroom head anchor for use in concrete, brick, stone, etc.

Item #	Description	Unit	Wt (lb)
4851	1/4" x 1" Stainless Steel Hammer Drive Masonary Anchor	EA	0.02
4855	1/4" x 1-1/2" Stainless Steel Hammer Drive Masonary Anchor #2870	EA	0.03
4857	1/4" x 2" Stainless Steel Hammer Drive Masonary Anchor #2876	EA	0.03



Nails (HW-NAIL)

Item #	Description	Unit	Wt (lb)
4910	4D- 1-1/2" x #12 304 Stainless Steel Nail (230/lb)	LB	0.04
4920	6D - 2" x #11 304 Stainless Steel Nail (62N) (150/lb)	LB	0.01



Sealants (HW-ADH-02)

High performance, commercial grade, paintable polyurethane sealants for many applications. Door, window and siding sealants are available in white, black, redwood tan, special bronze, hunter green and limestone. Black roof and flashing sealant creates a durable, flexible seal. Sealants are in 10.2 oz. tubes.

Item #	Description	Unit	Wt (lb)
5060	Pro 2000 Adhesive/Sealant-Clear 11 Oz Tube - (24 Tubes Per Case)	EA	0.90
5072-Redwood	NP1 Polyurethane Sealant - Redwood Tan 10.2 Oz Tube (30 Tubes per Case)	EA	0.90
5072-Tan	NP1 Polyurethane Sealant - Tan 10.2 Oz Tube (30 Tubes per Case)	EA	0.90
5072-White	NP1 Polyurethane Sealant - White - 10.2 Oz Tube (30 Tubes per Case)	EA	0.90
5072-Bronze	NP1 Polyurethane Sealant - Special Bronze- 10.2 Oz Tube (30 Tubes per Case)	EA	0.90
5072-Gray	NP1 Polyurethane Sealant - Limestone - 10.2 Oz Tube (30 Tubes per Case)	EA	0.90
5072-Black	NP1 Polyurethane Sealant - Black - 10.2 Oz Tube (30 Tubes per Case)	EA	0.90
5072-Green	NP1 Polyurethane Sealant Hunter Green- 10.2 Oz Tube (30 Tubes per Case)	EA	N/A



M1 Structural Sealant (HW-ADH-05)

Item #	Description	Unit	Wt (lb)
5055	M-1 Structural Sealant- 10.3 oz cartridge (16 tubes per case)	EA	1.50



Heavy Duty Cable Dolly (HW-TOOLS-05-01)

A versatile cable spooler and two-wheel dolly in one tool. Constructed from heavy gauge steel, the cable dolly is capable of transporting 500 feet of 4/0 wire. Features include: Pneumatic tires, retractable handle for easy storage, and a removable spooling shaft. (Cable and spool not included.)

Item #	Description	Unit	Wt (lb)
5715-DOLLY	Cable Spooler Dolly	EA	65.00



Collapsible Cable Stand (HW-TOOLS-05-02)

Features include a self-contained folding design for convenient storage, wide base for balance, and adjustable leg height to accommodate various spool sizes. (Cable and spool not included)

Item #	Description	Unit	Wt (lb)
5715-STAND	Collapsible Cable Stand	EA	19.50



Hand Ground Rod Driver (HW-TOOLS-07)

Item #	Description	Unit	Wt (lb)
5715-DRIVER	Hand Ground Rod Driver	EA	15.50



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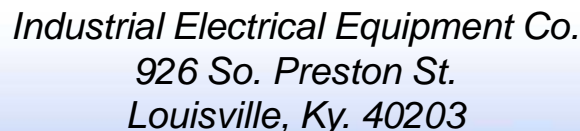
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Terms & Conditions

AGREEMENT: This quotation or order contains the complete agreement between Buyer and Industrial Electrical Equipment Co., Inc., "IEECO", a Kentucky Corporation. No terms and conditions other than the terms and conditions contained herein shall be binding upon IEECO unless accepted by it in a writing signed by an IEECO officer. All terms and conditions contained in any prior oral or written communication, including, without limitation, cases where the Buyer's Purchase Order containing Terms and Conditions is the latest document exchanged between Buyer and IEECO, which are different from or in addition to the terms and conditions herein are hereby rejected and shall not be binding on IEECO. All prior proposals, negotiations and representations, if any, are merged herein.

TERMS: Terms of payment are Net thirty (30) calendar days from invoice date. In the event Buyer fails to make a payment to IEECO when due, Buyer's entire account(s) with IEECO shall become immediately due and payable without notice or demand. Buyer does hereby grant IEECO a purchase money security interest in the products until such time as IEECO is fully paid. No products furnished by IEECO shall become a fixture by reason of being attached to real estate.

REMEDIES OF IEECO : Buyer agrees that any of the following shall constitute an event of default which shall enable IEECO, at its option, to cancel any unshipped portion of this order or to exercise any right or remedy which it may have by law: (a) the failure of Buyer to perform any term or condition contained herein; (b) any failure of Buyer to give required notice; (c) the insolvency of Buyer or its failure to pay debts as they mature, an assignment by Buyer for benefit of its creditors, the appointment of receiver for Buyer or for the materials covered by this order or the filing of any petition to adjudicate Buyer bankrupt; (d) the death, incompetence, dissolution or termination of existence of Buyer; (e) a failure by Buyer to provide adequate assurance of performance within ten (10) days after a justified demand by IEECO or (f) if IEECO, in good faith, believes that Buyer's prospect of performance under this Agreement is impaired. All rights and remedies of IEECO herein are in addition to, and shall not exclude, any rights or remedies that IEECO may have by law.

FINANCE AND COLLECTION CHARGE: Buyer agrees to pay a finance charge, at a monthly rate of 2.0% or the highest rate permitted by law, whichever is less, on past due invoices. Buyer agrees to pay IEECO all costs of collection including but not limited to reasonable attorney's fees, collection fees, and court costs incurred by ALT to collect payments due.

CREDIT LIMITS: Credit limits shall be determined and may be modified at the sole discretion of IEECO.

GOVERNING LAW: This transaction shall be governed in all respects by the laws of the State of Texas (excluding choice of law provisions). All actions, regardless of form, arising out of or related to this transaction or the products sold hereunder must be brought against IEECO within the applicable statutory period, but in no event more than ONE (1) YEAR after the date of invoice.

JURISDICTION: Any and all obligations, payments or legal actions shall be in Jefferson County, Kentucky. Venue for all lawsuits, causes of action, arbitration proceedings or other Dispute shall be Denton County, Texas.

WARRANTY: ALL PRODUCTS MANUFACTURED BY IEECO ARE WARRANTED AGAINST MANUFACTURING DEFECTS IN MATERIAL AND WORKMANSHIP FOR ONE YEAR AFTER THE DATE OF RECEIPT BY BUYER. BUYER AGREES THAT IEECO'S OBLIGATION UNDER THIS WARRANTY IS LIMITED BY IEECO'S SOLE DISCRETION TO THE REPAIR OR REPLACEMENT OF ANY DEFECTIVE PRODUCT WITHIN THE AFOREMENTIONED TERM. AS TO PRODUCTS MANUFACTURED BY THIRD PARTIES, THE BUYER'S SOLE AND EXCLUSIVE WARRANTY, IF ANY, IS THAT PROVIDED BY THE PRODUCT'S MANUFACTURER. ALT MAKES NO EXPRESSED OR IMPLIED WARRANTIES. IEECO HEREBY DISCLAIMS ALL EXPRESSED OR IMPLIED WARRANTIES, WHETHER IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES, AND IN NO EVENT, WILL IEECO BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE OR ANY OTHER LOSS, DAMAGE, COST OF REPAIRS OR INCIDENTAL, PUNITIVE, SPECIAL, CONSEQUENTIAL, OR LIQUIDATED DAMAGES OF ANY KIND, WHETHER BASED UPON WARRANTY, CONTRACT, STRICT LIABILITY, NEGLIGENCE OR ANY OTHER CAUSE OF ACTION ARISING IN CONNECTION WITH THE DESIGN, MANUFACTURE, SALE, TRANSPORTATION, INSTALLATION, USE OR REPAIR OF THE PRODUCTS SOLD BY IEECO. BUYER HEREBY ACKNOWLEDGES AND AGREES THAT UNDER NO CIRCUMSTANCES, AND IN NO EVENT, SHALL IEECO'S LIABILITY, IF ANY, EXCEED THE NET SALES PRICE OF THE DEFECTIVE PRODUCT(S); NO ADDITIONAL ALLOWANCE SHALL BE MADE FOR THE LABOR OR EXPENSE OF REPAIRING OR REPLACING DEFECTIVE PRODUCTS OR WORKMANSHIP OR DAMAGE RESULTING FROM THE SAME.

FORCE MAJEURE: IEECO assumes no responsibility or liability and will accept no backcharge for loss or damage due to delay or inability to deliver, caused by acts of God, war, labor difficulties, accidents, inability to obtain materials, delays of carriers, contractors or suppliers or any other causes of any kind whatever beyond the control of IEECO. Under no circumstances shall IEECO be liable for any special, consequential, incidental, indirect, or liquidated damages, losses, or expense (whether or not based on negligence) arising directly or indirectly from delays or failure to give notice of delay.

RECOMMENDATIONS BY IEECO : Buyer acknowledges that IEECO does not make and specifically negates, renounces and disclaims any recommendations, with respect to the products sold, their use, their maintenance, or the accuracy or reliability of any information, designs or documents furnished to Buyer. Failure by IEECO to make recommendations or give advice to Buyer shall not impose any liability upon IEECO.

INDEMNIFICATION: The Buyer shall, at its own expense, apply for and obtain any permits and inspections required for the installation and/or use of the products. IEECO makes no promise or representation that the products or services will conform to any federal, state or local laws.

ordinances, regulations, codes or standards, except as particularly specified and agreed upon in writing by an authorized representative of IEECO. IEECO's products are not for use in or with any nuclear facility unless specifically so stated by IEECO in writing. IEECO shall not be responsible for any losses or damages sustained by the Buyer or any other person as a result of improper installation or misapplication of the products. **Buyer shall defend, indemnify and hold harmless IEECO and its agents and employees against any loss, damage, claim, suit, liability, judgment or expense (including, without limitation, attorney's fees) arising out of or in connection with any injury, disease or death of persons (including, without limitation, Buyer's employees and agents) or damage to or loss of any property or the environment, or violation of any applicable laws or regulations resulting from or in connection with the sale, transportation, installation, use, or repair of the products by Buyer or of the information, designs, services or other work supplied to Buyer, whether caused by the concurrent and/or contributory negligence of Buyer, IEECO, or any of their agents, employees or suppliers.** The obligations, indemnities and covenants contained in this paragraph shall survive the consummation or termination of this transaction.

INSPECTION AND ACCEPTANCE: Claims for damage, shortage or errors in shipping must be reported within one (1) day following delivery to Buyer. Buyer shall have seven (7) days from the date Buyer receives any products to inspect such products and services for defects and nonconformance which are not due to damage, shortage or errors in shipping and notify IEECO, in writing, of any defects, nonconformance or rejection of such products. After such seven (7) day period, Buyer shall be deemed to have irrevocably accepted the products, if not previously accepted. After such acceptance, Buyer shall have no right to reject the products for any reason or to revoke acceptance. Buyer hereby agrees that such seven (7) day period is a reasonable amount of time for such inspection and revocation.

CANCELLATION: Orders placed and accepted can be canceled only with IEECO's written consent and upon terms which will save IEECO from loss. No Product may be returned for credit or adjustment without written permission from IEECO.

RETURNS: If permitted by IEECO, Buyer shall return any product which IEECO stocks subject to a 20% restocking charge and transportation charges if: (i) it is in new condition, suitable for resale in its undamaged original packaging and with all its original parts and (ii) it has not been used, installed, modified, rebuilt, reconditioned, repaired, altered or damaged. Buyer's surplus job returns, and those not meeting (i) and (ii), above, will be evaluated on an individual basis after Buyer has contacted IEECO's authorized representative for prior written permission. Except for items IEECO stocks which meet (i) and (ii), above, credit memoranda issued for authorized returns shall be subject to the following deductions: (a) cost of putting items in salable condition; (b) transportation charges, if not prepaid; and (c) handling and restocking charges.

SHIPMENTS: All products are shipped F.O.B., point of shipment. Risk of loss shall transfer to the Buyer upon tender of goods to Buyer, Buyer's representative, or common carrier. The cost of any special packing or special handling caused by Buyer's requirements or requests shall be added to the amount of the order. If Buyer causes or requests a shipment delay, or if IEECO ships or delivers the products erroneously as a result of inaccurate, incomplete or misleading information supplied by Buyer or its agents or employees, storage and all other additional costs and risks shall be borne solely by Buyer. Claims for products damaged or lost in transit should be made by Buyer to the carrier, as IEECO's responsibility ceases upon tender of goods to Buyer, Buyer's representative or common carrier.

TAXES: The amount of any sales, excise or other taxes, if any, applicable to the products shall be the obligation of the Buyer and where possible, added to the purchase price and shall be paid by Buyer unless Buyer provides IEECO with an exemption certificate acceptable to the taxing authorities. Buyer shall promptly pay to IEECO upon demand the amount of any taxes of which IEECO is advised subsequent to the delivery of the products.

SEVERABILITY: If any provision hereof is held to be illegal, invalid or unenforceable under any present or future laws, such provision shall be fully severable and the terms and conditions herein shall be construed and enforced as if such illegal, invalid or unenforceable provision had never been made a part hereof.

SET-OFF: Buyer shall not be entitled to set-off any amounts due Buyer against any amount due IEECO in connection with this transaction.

NON-WAIVER: IEECO's failure to insist upon the strict performance of any term or condition herein shall not be deemed a waiver of any of IEECO's rights or remedies hereunder, nor of its right to insist upon the strict performance of the same or any other term herein in the future.

ENTIRE AGREEMENT: This document constitutes the entire, complete, and exclusive agreement between the parties with respect to the subject matter hereof. The terms and conditions contained herein may not be added to, modified, superseded or otherwise altered except by a written modification signed by an IEECO officer.

Reference

Fraction-Decimal-Metric

Fractional Inches	Decimal Inches	Millimeters
1/16	0.0625	1.6
1/8	0.1250	3.2
3/16	0.1875	4.8
1/4	0.2500	6.4
5/16	0.3125	7.9
3/8	0.3750	9.5
7/16	0.4375	11.1
1/2	0.5000	12.7
9/16	0.5625	14.3
5/8	0.6250	15.9
11/16	0.6875	17.5
3/4	0.7500	19.1
13/16	0.8125	20.6
7/8	0.8750	22.2
15/16	0.9375	23.8
1	1.0000	25.4

Steel Gage Thickness

Gage	Inches	Millimeters
10	0.1345	3.416
11	0.1196	3.038
12	0.1046	2.657
13	0.0897	2.278
14	0.0747	1.897
15	0.0673	1.709
16	0.0598	1.519

AWG Wire Sizes

AWG Size	Stranded OD, Inches	Stranded OD, mm	Solid OD, Inches	Solid OD, mm
4/0	0.528	13.41	0.460	11.68
2/0	0.419	10.64	0.409	10.39
1/0	0.373	9.47	0.324	8.23
#2	0.292	7.42	0.257	6.53
#4	0.232	5.88	0.204	5.18
#6	0.184	4.66	0.162	4.11
#8	0.146	3.70	0.128	3.25
#10	0.116	2.94	0.102	2.59

Metric Conversion Factors

From	x	Factor	=	To
inches (in)	x	2.5	=	centimeters (cm)
feet (ft)	x	30	=	centimeters (cm)
square inches (sqin)	x	6.5	=	square centimeters (sqcm)
square feet (sqft)	x	0.09	=	square meters (sqm)
pounds (lb)	x	0.45	=	kilograms (kg)

Pi to 100 digits

3.1415926535	8979323846	2643383279	5028841971
6939937510	5820974944	5923078164	0628620899
8628034825	3421170679		

First 69 Prime Numbers

2	3	5	7	11	13	17	19	23	29	31	37	41
43	47	53	59	61	67	71	73	79	83	89	97	101
103	107	109	113	127	131	137	139	149	151	157	163	167
173	179	181	191	193	197	199	211	223	227	229	233	239
241	251	257	263	269	271							

