

Ground Rods

Made of high-carbon steel as standard, all rods have a 5/8-inch cut thread on top and bottom.

- Hot dipped galvanized steel rod
- Non-ferrous bolt with lockwasher accommodated No. 3 and No. 8 stranded wire

Hubbell Power Sys (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7260270043	726027	402-658-926	Rod Ground Type E 1/2-Inch x 5-Feet Telephone Standard CAO Spec 8895 Galvanized
7260390043	726039	8566	Rod Ground Standard 1/2-Inch x 6-Feet Galvanized

Erico (Cadweld Products)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7260980574	726098	815880	Rod Ground Galvanized 5/8-Inch x 8-Feet RDUP (RUS) Listed



Ground Rods

Ground Rods and Accessories

Copper bonded ground rods have a 99.9% pure copper sheath, bonded to a cold drawn carbon steel core. These rods are round assuring maximum rigidity for easy driving and resistance to deformation. Tensile ratings exceed 90k PSI limiting mushrooming when driving in adverse soil conditions and provide a good fit with associated hardware. The uniform layer of permanently bonded copper guarantees and extends life in most soils. Copper bonded ground rods are available in a variety of lengths and diameters to fit most any application. Copper alloy accessories should be used with the copper bonded ground rods to maintain a UL listed installation without compromising quality.

- Available in several designs, lengths and diameters
- Regular (non-threaded) for most standard applications
- Sectional when extra length is required (threaded or non-threaded)
- Pigtail to assure a good electrical contact without the use of clamps applied to the rod
- Made in the U.S.A.

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Regular Rods

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7260877500	726087	PT-1205C/611255	1/2-Inch x 5-Feet Copper Bonded Ground Rod
0000079211		611353	1/2-Inch x 5-Feet Copper Bonded Ground Rod (RUS)
7261077500	726107	PT-1206C/611265	1/2-Inch x 6-Feet Copper Bonded Ground Rod
7261497500	726149	PT-3805C/613850	3/8-Inch x 5-Feet Copper Bonded Ground Rod
7261377500	726137	PT-3806C/613860	3/8-Inch x 6-Feet Copper Bonded Ground Rod
7260667500	726066	PT-5806C/615860	5/8-Inch x 6-Feet Copper Bonded Ground Rod
5135157500	513515	PT-5808C-RUS/615883	5/8-Inch x 8-Feet Copper Bonded Ground Rod (RUS)
7261067500	726106	PT-5808C/615880	5/8-Inch x 8-Feet Copper Bonded Ground Rod (UL)

Ground Rods and Accessories



Sectional Threaded Rods

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Sectional Threaded Rods

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
0000057054	726025	PT-5805CS-635850	5/8-Inch x 5-Foot Copper Bonded Sectional Ground Rod
7261027500	726102	PT-5808CS/635880	5/8-Inch x 8-Foot Copper Bonded Sectional Ground Rod (UL)
7261037500	726103	PT-5810CS/635800	5/8-Inch x 10-Foot Copper Bonded Sectional Ground Rod (UL)
0000060918		PT-635803	5/8-Inch x 10-Foot Copper Bonded Sectional Ground Rod (RUS)



Pigtail Rods

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Pigtail Rods

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7261017500	726101	PT-3805CP/613859PT	3/8-Inch x 5-Foot Copper Bonded Ground Rod with 18-Inch #10 AWG Tail
0000013140	726005	PT-5808CP 615889	5/8-Inch x 8-Foot Copper Bonded Ground Rod with 48-Inch #6 AWG Tail

Ground Rods and Accessories



Ground Rod Coupling Threadless



Ground Rod Drive Cup



Ground Rod Coupling Threaded with Driving Stud

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Accessories

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7260347500	726034	PT-58CP-CC/CC58	5/8-Inch Threadless Ground Rod Compression Coupling
7260357500	726035	PT-58DS-CC/B13716	5/8-Inch Threadless Ground Rod Drive Cap
7261047500	726104	PT-58BCP/CR58	5/8-Inch Threaded Ground Rod Coupling
7261057500	726105	PT-58DS/DS58	5/8-Inch Threaded Ground Rod Driving Stud



Bronze Ground Rod Clamp



Heavy Duty Bronze Ground Rod Clamp

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Clamps

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7260027500	726002	PT-12BCL	1/2-Inch Bronze Ground Rod Clamp
7260017500	726001	PT-38BLC (PT-CEB-0)	3/8-Inch Bronze Ground Rod Clamp
7260517500	726051	PT-CP58	5/8-Inch Bronze Ground Rod Clamp (RUS)
7260037500	726003	PT-58BCL-H/HDC58R	5/8-Inch Heavy Duty Bronze Ground Rod Clamp

Bonding and Grounding Hardware

Bonding and Grounding Hardware



Bronze Lug Slotted Screw



K1 Bonding Clamp



Bronze Ground Pipe Clamp



Trailer I-Beam Clamp

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Clamps

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7214277500	721427	PT-PNL-4/EL4	Bronze Lug Slotted Screw, PNL-4, L70
7261167500	726116	PT-K1/KUL	K1 Bonding Clamp
7260087500	726008	PT-KP-1-IMP	Bronze Ground Pipe Clamp 0.5 - 1-Inch
7260097500	726009	PT-KP-Z-IMP	Bronze Ground Pipe Clamp 1.25 - 2-Inch
7232267500	723226	PT-EM4015	Trailer I-Beam Clamp EM-4015, #6 and #10
7231127500	723112	PT-EM4014	Trailer I-Beam Clamp EM-4014, with Short Slot



Bronze Vise Grip Connector



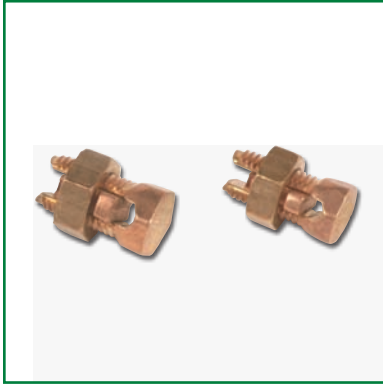
Tinned Bronze Vise Grip Connector

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Vise Grip Connector

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7201357500	720135	PT-FF-2	Bronze Vise Grip Connector FF-2
7211127500	721112	PT-FF-4	Bronze Vise Grip Connector FF-4
7211137500	721113	PT-FF-6	Bronze Vise Grip Connector FF-6
721117500	721111	PT-MGC-167-9/16	Tinned Bronze Vise Grip Connector C167

Bonding and Grounding Hardware



Copper Alloy Split Bolt



Tin Plated Split Bolt

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Split Bolts

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7217257500	721725	PT-S-2	Copper Alloy Split Bolt S2 - 2H
7247387500	724738	PT-S-4/ESB4	Copper Alloy Split Bolt S4 - 4H
7247397500	724739	PT-S-6/ESB6	Copper Alloy Split Bolt S6 - 6H
7211077500	721107	PT-SEL-4	Copper Split Bolt SEL4 - 4H3
7211087500	721108	PT-SEL-6	Copper Split Bolt SEL6 - 6H3
7211057500	721105	PT-SW-6	Tin Plated Split Bolt SW6 - 1HPS
7211067500	721106	PT-SW-5	Tin Plated Split Bolt SW5 - 2HPS

One-Shot Cable to Ground Rod Electrical Connector

Cable to ground rod connector using Cadweld "One-Shot" connections for both plain or threaded copper clad and galvanized steel or stainless steel rods. The Cadweld "One-Shot" case is a ceramic disposable body replacing the familiar semi-permanent graphite mold and associated handle clamp. Everything required is included except flint ignitor. It is RUS accepted.

Erico (Cadweld Products)

Item No.	Mfg. Part No.	Description
0000156703	NT1161GPLUS	Connector One-Shot for 5/8-Inch Ground Rod Conductor Size 6, 8 Solid 8 Stranded RUS Accepted NT1-161G RDUP (RUS) Listed
0000151304	NT1161VPLUS	Connector One-Shot for 5/8-Inch Ground Rod Conductor Size 1, 2 Solid 2, 3 Stranded RUS Accepted NT1-161V

Cadweld® Plus One Shot

The CADWELD Plus One Shot produces a permanent exothermic connection to a ground rod that will not loosen, corrode or increase in resistance for the life of the installation. The convenient single-use package makes the connection to the ground rod without a mold or starting material.

- Durable disposable ceramic body eliminates the graphite mold and frame
- Produces a permanent connection that will not loosen or corrode
- Easy to use electronic ignition, no starting material
- NEC compliant
- UL Listed

Erico (Cadweld Products)

Item No.	Mfg. Part No.	Description
0000147960	GR1161GPLUS	Connector One-Shot for 5/8-Inch Ground Rod Conductor Size 6, 8 Solid 8 Stranded, UL Listed

Erico Hammerlock Copper Grounding Connector

The patented ERITECH HAMMERLOCK grounding connector from ERICO connects the grounding conductor to the ground rod. Machined from highly conductive copper, the state of the art hammerlock provides a low resistance connection designed to withstand ground fault currents and lightning transients. The hammerlock connector's mechanically rugged design will ensure that the highest level of performance is maintained for many years after the connection has been buried in the harsh underground environment. Hammerlock is the fastest grounding connector to install and requires no special tools or training.

- Machined from 100% high conductivity copper
- Excellent mechanical strength
- Irreversible connection
- Installation only requires a hammer
- Fast and simple installation
- No training required
- UL Listed (2, 4, 6 solid to 5/8" copper or galvanized rod)

Erico (Cadweld Products)

Item No.	Mfg. Part No.	Description
0000109169	EHL58C1G	Connector Hammerlock for 5/8-Inch Rod Size 6 Solid Cable Size Copper Bonded, UL Listed
0000152267	EHL58C1T	Connector Hammerlock for 5/8-Inch Rod Size 2 Solid Cable Size Copper Bonded, UL Listed

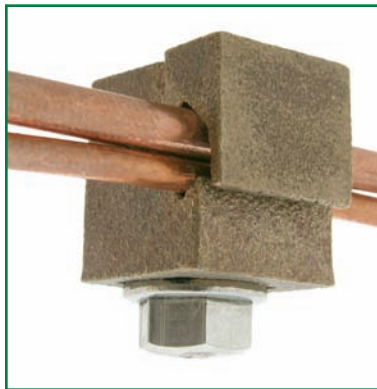
High Strength Split Bolt Connectors

This split bolt is used for copper to copper connections.

- Bolt and nut made of high strength corrosion resistant bronze alloy
- Pressure bar is copper through 40H, copper alloy is used for 350 kcmil and above
- Bolt and nut of hex design up to 350 kcmil
- Tested and listed to UL 486A requirements

Thomas & Betts

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7209650318	720965	2H3	Connector Split Bolt 2/6Sol to 2/14Sol



GC-5006

Ground Connectors



Fargo Bronze, vise type connectors are one piece, side loading, for easy installation on unbroken run conductors.

- Bonding ribbon or braid to bonding ribbon, braid, conductor, or bus and tape to messenger

Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7212090043	721209	GC-164	Ground Connector Vise Type for .06 - .184-Inch Conductors Bronze
0000075362		GC-167	Ground Connector Vise Type for .146 - .312-Inch Messengers or Taps Bronze
7211110043	721111	GC-167P	Ground Connector Vise Type for .146 - .312-Inch Conductors Figure 8 or IM Cable Plated Bronze
7211280043	721128	GC-174P	Ground Connector Vise Type for .06 - .332-Inch Conductors Bronze
7211130043	721113	GC-5006	Ground Connector Vise Type for .101 - .162-Inch Conductors Copper to Copper Bronze

Bonding and Grounding Hardware

Screw-On Terminals

Connector with internal self-cutting threads, for terminating solid wires at connecting points.

- Installs with a standard (3/8-inch) terminal wrench
- Self-threading terminal cuts through any oxidation
- Tin plated for corrosion resistance
- Copper alloy construction
- Threaded connection will not vibrate loose

Electric Motion Co.

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7260430025	726043	EM2525	Terminal Screw-On For Solid #6 AWG with Tin Plated Copper Connectors
7328250025	732825	EM2610	Terminal Combination Screw-On For #6 or #10 AWG with Tin Plated Copper Connectors

In-Line Ground Connector (Stud - #6 AWG)

This allows the installer to make a low-resistance, externally removable ground wire connection to the outside of a PLP COYOTE® splice closure.

Electric Motion Co.

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
0262390025	026239	EM0366WR	Connector Ground In-Line

Bonding Braids



Bond Braid #6 with Eyelets and Web



Bond Braid #6 with Eyelets

Bond Braid

Bond Braid is a flat woven braid composed of tinned-copper strands, used to affect an electrical and mechanical bond across cable shield openings. It is available as a solid braid, with eyelets, or with eyelets and webbing installed. The web cover is a poly-mesh plastic netting.

- Equivalent to No.6 AWG
- Individually tinned copper conductors
- 1/2 inch width
- Eyelets have 1/4 inch ID and are spaced every 3 inches

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Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7321877500	732187	PT-BBR-EW-25	Bond Braid #6 with Eyelets and Web 25-Foot/Reel, 2030
7321577500	732157	PT-BBR-E-25	Bond Braid #6 with Eyelets 25-Foot/Reel, 2025



Bonding Ribbon Clamp



Bonding Ribbon Plain, 5 lb Spool

Plain Bonding Ribbon

- Soft temper, flat wire for easy installation
- Solid wire for entering and exiting airtight applications
- Tin plated for solderability and corrosion resistance
- 3/8 inch wide x 0.051 inch thick
- 5-lb. spool

PREMIER

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7391627500	739162	PT-EM6567	Bonding Ribbon Clamp
7391617500	739161	PT-EM6868	Bonding Ribbon Plain, 5 lb Spool



Bond Bar

Bond Bar is typically used in applications that require effective shield continuity and a dependable mechanical bond. It is constructed of a solid copper, tin-plated strip and has a hole pattern that conforms to standard 3 and 6 pair terminal blocks and variably placed bond studs. Insulator tubing is available for protection against environmental electrical and mechanical damage.

- Equivalent to No.6 AWG
- Tin plated copper
- 1/2 inch width
- 13/64 inch holes - slots 1/4 inch center 13/64 inch radius

PREMIER

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7321597500	732159	PT-BBA-T-25	Bond Bar #6 with Insulator Tubing 25-Feet/Reel, 4422



Grounding Harnesses

#6 AWG flexible harnesses with colored insulation for multi-directional cable identification.

Electric Motion Co.

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7327480025	732748	EM8100-6.10	Harness Bonding 6-Inch No.6 AWG with Ring Terminals
7327510025	732751	EM8100-18.10	Harness Bonding 18-Inch No.6 AWG with Ring Terminals
0114920000		EM8100-24.10	Harness Bonding 24-Inch No.6 AWG with Ring Terminals
0000045381		EM8100-18.25	Harness Bonding 18-Inch No. 6 AWG with Ring Terminals 427 Strands
0114940000		EM8100-36.10	Harness Bonding 36-Inch No. 6 AWG with Ring Terminals 427 Strands