

Automatic Lightning Protection
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Serving You Since
1966

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We are pleased to present this mini catalog. These items are stock items and usually available at all times. We do offer other parts and materials that you will not find on the internet or our catalog but can easily be obtained within a matter of a week in most cases.

We offer layout and design and installation of lightning protection materials and services. All of our parts are UL certified and approved.

Most lightning rods are a standard 12 inches but we do have other sizes and combinations available to fit your needs.

Thank you for your interest in our fine products and materials. We are here to answer any questions you may have Monday through Friday, 9am to 5pm central time.

Automatic Lightning Protection



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Cable Conductors

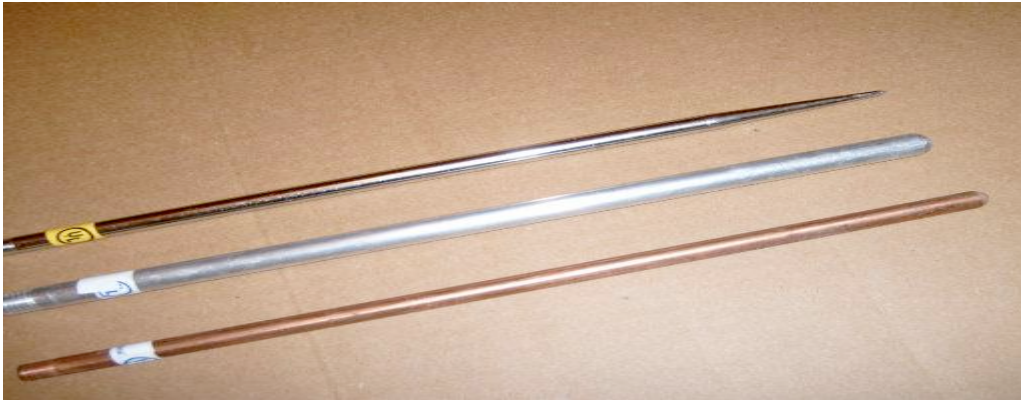


#32 Class One Copper Cable Conductor – 30 strands of 17 gauge copper wire. Smooth weave, soft drawn for easier workability.

#A24 Class One Aluminum Cable Conductor – 24 strands of 14 gauge aluminum wire. Smooth weave.

#32LC Class One Tinned Copper Cable – 29 strands of 17 gauge copper wire. Smooth weave. Can be used on any structure. Generally used where either copper or aluminum can't be used.

Air Terminals and Bases



Standard roof rods are 12 inches. Side mount chimney rods are 18 inches. Any variation can be substituted with a price change up to 24 inches without the use of a tripod brace.

Available in Copper, Aluminum or Nickel Plated Copper.
Chimney rods in copper are automatically nickel plated.

Generally rods are sold with the base as one unit. Rods may be ordered alone.



#RSP1 Copper Rod and Base – Rod is 3/8 inch diameter by 12 inches tall.

Air Terminals and Bases Continued



#ARSP1 Aluminum Rod and Base – Rod is $\frac{1}{2}$ inch diameter by 12 inches tall. The “RSP” series uses blunt tipped rods.



#RSP16 Bronze Adhesive Base w/ copper rod. Used on flat areas where no nail or screw penetration is allowed. Adhesive requires 24 hours to cure and is sold in tubes separately, part number #UC. A Swivel adaptor is also available so base can be mounted vertically or at any angle. Swivel base is part number #SW

Bases Continued

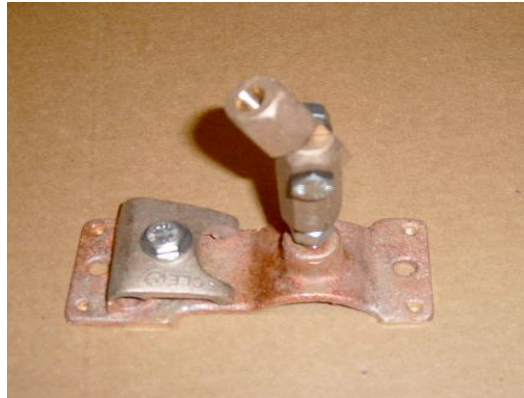


#LF12T Flue Tile Chimney Mount – Base secures to chimney flue tile. Comes with 12 inch nickel plated rod by 3/8 inch diameter. Conductor cable enters thru bottom and is secured with 2 bolts.



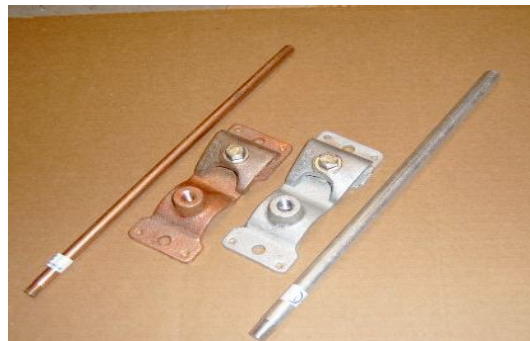
#LF18 Side Mount Chimney Rod – This side mount base comes with an 18 inch nickel plated rod which screws into the threaded end and the cable secures with bolts in the opposite end. Cable clips are usually used to secure this in place. One on the rod and one on the base. There is one hole for a longer screw on the base itself.

Bases Continued



#RSP18 Swivel, Base and Rod – Copper base, swivel and 12 inch tall rod allows for any angle or side mounting. Swivel can be adjusted right to left and up or down.

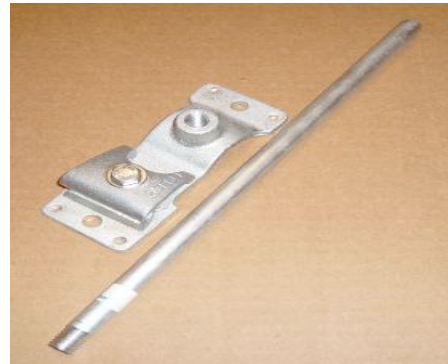
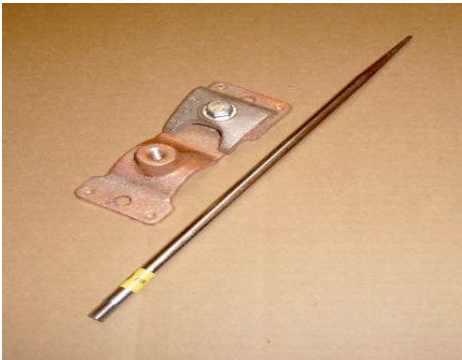
#ARSP18 Swivel, Base and Rod – Aluminum materials same as the copper in the RSP18. Aluminum rod is $\frac{1}{2}$ inch diameter by 12 inches tall.



#RSP26 Flat Mount with Rod – Bronze flat mount with copper rod $\frac{3}{8}$ inch diameter and 12 inches long.

#ARSP26 Flat Mount with Rod – Aluminum flat mount with aluminum rod $\frac{1}{2}$ inch by 12 inches long. Same design as copper.

Bases Continued



#LF12F Copper Flat Mount Chimney Rod – Bronze flat mount with 12 inch leaded rod for mounting atop chimney caps. Somewhat bendable for domed chimney caps. Usually two screws will hold this in place on a domed cap.

#ALF12F Aluminum Flat Mount Chimney Rod – Same as copper but materials in aluminum.

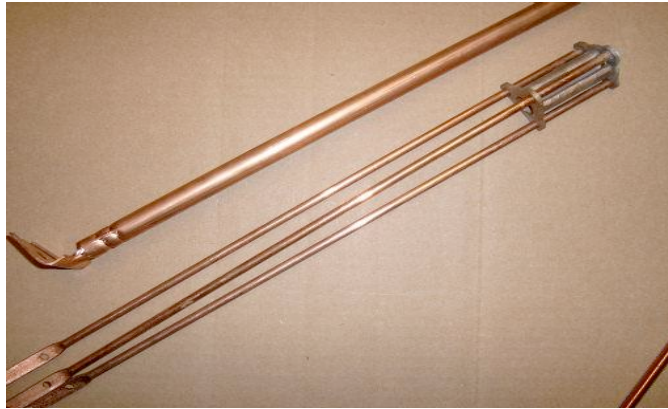
Concealed Lightning Rods



#250B Concealed Lightning Rod and Cable Base – For thru-ridge interior concealed systems. Rod is 24 inches long with 14 of the 24 inches being threaded, washers and nuts to draw tight against the ridge cap or beam.

#A250B Concealed Rod and Base in aluminum same as copper.

Tripod Braces and Rods



#43-18T Rod w/ Tripod – Tripod Brace is 18 inches high before the legs are spread apart to fit the roof. Comes with a 30 inch by 5/8 inch tubular rod with cable crimp fitting base. We have 3 sizes of these. 3 foot brace w/ 4 foot rod and 4 foot brace w/ 5 foot rod. These are also available with a choice of a glass tailed arrow, glass or ceramic or plastic ball. Once you add to this it becomes a 70 Series.

#A43-18T Rod w/ Tripod – Same as above except in aluminum materials.



Scroll Brace Series



Bolt Tension Connectors



#EEBT End to End Bolt Tension Splicers – Brass end to end splicer for copper installations with bolt tension connection.

#EEBTA End to End Bolt Tension Splicer – Aluminum. Same as above except in aluminum material.



#297 Twin or parallel bolt tension connector- Bronze twin connector or splicer used to add cable to run in a different direction at a gentle radius.

#A297 Twin or parallel bolt tension connector – Aluminum twin connector. Same as bronze above.

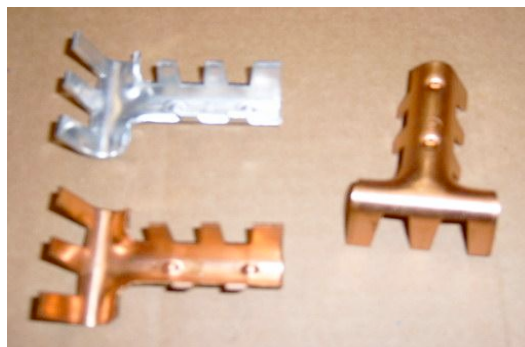
Connectors Continued



#F6 Three Way Cross Run Clamp – Bolt tension bronze three way Tee or cross run for copper installations. Capable of running 4 cables cross ways like a tic-tac-toe. Used as a Tee crossing to eliminate the 8 inch bend radius rule. Or connect intersecting cable.

#AF6 Three Way Cross Run Clamp – Aluminum connector same as above but made of aluminum.

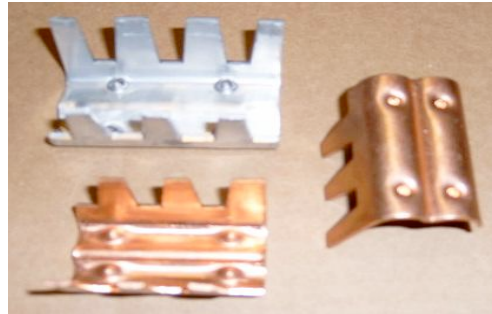
Crimp Connectors



#F2 Crimp Tee Connector Copper – Fingers crimp around cable. Used for perpendicular runs.

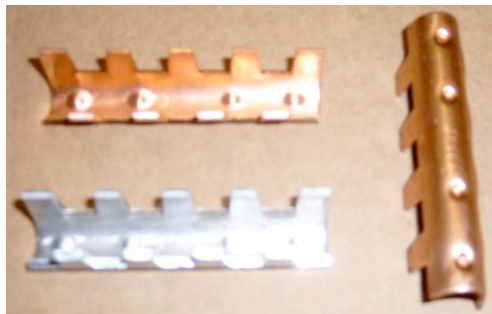
#AF2 Crimp Tee Connector – Aluminum is same as above.

Crimp Connectors Continued



#F1 Crimp Twin Parallel Copper Connector – Fingers crimp around cable. Used to add length of cable to run in a different direction with a gentle 8 inch or greater radius.

#AF1 Crimp Twin Parallel Aluminum Connector – Same as copper above except in aluminum.



#F3 Crimp End to End (Straight) Copper Connector – Fingers crimp around cable to butt or splice two ends of cable together.

#AF3 Crimp End to End (Straight) Aluminum Connector – Aluminum same as copper pictured above.

Miscellaneous Clamps



#M3 Bi-Metal Connector – Used in ALL aluminum applications for making connections between the aluminum cable and the copper cable about 16 inches above ground. Bolt tension. Aluminum conductor cable CANNOT be used to ground with.



#F5 Gutter Clamp – Copper Gutter Clamp - Crimps slightly over the gutter and tightly over the conductor cable. Also available in lead coated.

#AF5 Gutter Clamp – Aluminum Gutter Clamp – Same as above except in aluminum



#F4 Bronze Bonding Lug – For bonding to any steel surface on the roof such as a vent fan. Not to be used on aluminum or galvanized aluminum. Use the aluminum bonding lug for that and

you will need to switch metals with a bi-metal connector depending on what your situation is.

#AF4 Aluminum Bonding Lug – Same as bronze but in aluminum.



#C3 Bronze Pipe Clamp – Used to connect to utility sources such as water pipes, gas pipes, TV antennas.

#AC3 Aluminum Pipe Clamp – Same as bronze except in aluminum.



#AB Copper Adhesive Cable Holders – Used where you can't penetrate. Uses special adhesive # UC. Crimp legs over cable. Needs 24 hours to cure before installing cable.

#AAB Aluminum Adhesive Cable Holders – Same as copper above.

Grounding Equipment



#98 Cable to Ground Rod Clamp – Fits cable and up to a 5/8 inch diameter ground rod. You can save money and buy your ground rods locally however, you may not be able to find this size clamp. Available only in Bronze for copper cable.



#GP1 Copper Ground Plate – Used where you cannot get a ground rod down 10 feet. An eight foot ground rod needs to be down 10 feet so the top of it is buried 2 feet below the ground. Plates only need to be buried 2 feet below grade. Dimensions are 12 inches by 24 inches and .032 thick. Has bolt tension cable connection.

Clips, Screws, Nails & Accessories



#125 Stainless Steel Screws – Stainless steel No. 10 Pan head screws.

#84 Copper Nails – Copper Nails 2 inches long.

#A84G Galvanized Nails- 2 inches long for aluminum applications.

#83 Copper Cable Clips – Used to hold conductor cable every three feet. Uses screws or nails.

#A83 Aluminum Cable Clips – Aluminum clips used like the copper clips.



#BC Copper Ball Caps for 5/8 inch rods. # BR Ball rings with set screw for 5/8 inch rods.

Ornamental Balls



#HBG Hand Blown Glass Balls – 4 ½ inch diameter for 5/8 inch rods available in Ruby Red, Cobalt Blue, Emerald Green, Milk White.

#C160 Ceramic Balls – 4 inches diameter for 5/8 inch rods available in Red, White, Blue, Green.

#P160 Plastic Balls – 4 inches diameter for 5/8 inch rods available in Red, White, Blue.