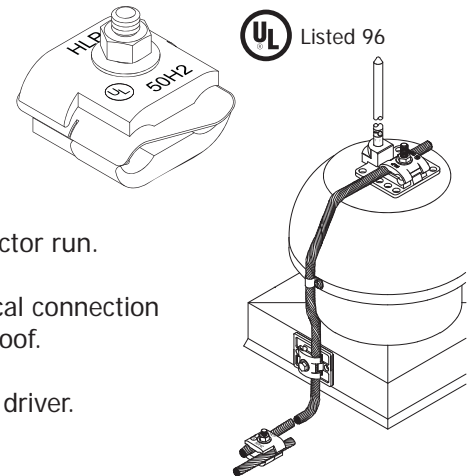


Bi-Metal Connectors

Bi-Metal 1 Bolt Parallel Connector

Part No.	Material	Class	Box Qty.	Approx. Box Wt. (lbs.)
BM1BC	Bi-Metal	II	10	5-1/4

- 2" x 1-1/2" one bolt, three piece, bi-metal connector allows splicing of aluminum conductors to copper conductors.
- Ideal when splicing aluminum conductor off vents to main copper conductor run.
- Eliminates the need for an additional connector.
- One 5/16" x 1-1/4" stainless steel pressed bolt assures a positive electrical connection and a damage free installation when properly installed on a membrane roof.
- Bi-metal materials manufactured from copper and aluminum alloys.
- Recommended installation tool - 1/2" socket wrench, end wrench or nut driver.



TECHNICAL NOTE:

- Aluminum materials shall not be used within 460 mm (18 in.) of the point where the lightning protection system conductor comes into contact with the earth. Fittings used for the connection of aluminum down conductors to copper or copper-clad grounding equipment shall be of the bimetallic type. Bimetallic connectors shall be installed not less than 460 mm (18 in.) above earth level.*

*NFPA 780 Use of Aluminum Sections 4.5.2, 4.5.2.1 & 4.5.2.2

1 Bolt Parallel Connectors

Part No.	Material	Class	Box Qty.	Approx. Box Wt. (lbs.)
B1BC	Copper	II	10	4
A1BC	Aluminum	II	10	1-1/2
TB1BC	ETPB*	II	10	4

- Innovative pressed bolt design ensures a smooth flat surface; no damage when used on membrane roofs and provides greater ease of installation.
- Approximately 2" square, two piece connector provides over 1-1/2" surface contact between conductors.
- Accepts all lightning conductors and rods up to 5/8" diameter and grounding conductors ranging from #6 AWG up to 250 MCM.
- 5/16" x 1-1/4" stainless steel cap screw with flat washer included.
- #B1BC manufactured from high conductivity copper alloy.
- #A1BC manufactured from high conductivity aluminum alloy.
- Recommended installation tool - 1/2" socket wrench, end wrench or nut driver.
- Suitable for direct burial, except Aluminum.

*ETPB - Electro Tin Plated Bronze

