

Electrical Splices

Long rails for roof mount installations are sometimes constructed from two shorter rail sections with a mechanical splice. It is then necessary to also make an electrical splice, which can be done with a WEEB-6.7 Bonding Jumper. The WEEB Bonding Jumper can be installed as shown in figure 1.

For extremely long rails, the manufacturers generally recommend that the mechanical splice be connected at only one end to allow for thermal expansion. When installing the electrical splice on spliced rails that require provisions for thermal expansion, install the WEEB Bonding Jumper with some slack in the tin-plated copper braid as shown in figure 1.

Figure 1: WEEB-6.7 Bonding Jumper

