Mounting systems for solar technology

QUICK GUIDE

Everest Ground Lug

Everest Ground Lug Set
Material: Tin-plated aluminum with stainless steel hardware

Copper Wire
#6 or #8 AWG solid copper wire

TOOLS REQUIRED
10-50 ft-lb (6-35 Nm)
13 mm dep socket
· Torque 10 ft-lbs
7/16" socket
· Torque 35-60 in-lbs
Assembly

1 ATTACH GROUND LUG

To attach the Everest Ground Lug, insert the MK3 slot nut of the pre-assembled ground lug into the top channel of the CrossRail. While slightly lifting the plastic tabs, rotate 90 degrees clockwise to engage the MK3 into the channel. Ensure the bonding teeth are perpendicular to the rail channel.

2 SECURE GROUND LUG

Torque the M8 bolt to 10 ft-lbs using a 13 mm deep socket wrench.

IMPORTANT NOTE

CrossRail components are required to be electrically bonded and grounded via the Everest Ground Lug or Burndy’s WEEB Lug 10 and the use of #6 or #8 AWG solid copper wire. A minimum of one lug is required per each independent row of modules. The Everest Ground Lug must be attached to the top channel of CrossRail, as shown.
3 INSERT COPPER WIRE

Insert a #6 or #8 AWG solid copper wire and tighten terminal screw to 35 - 60 in-lb using a 7/16" socket.