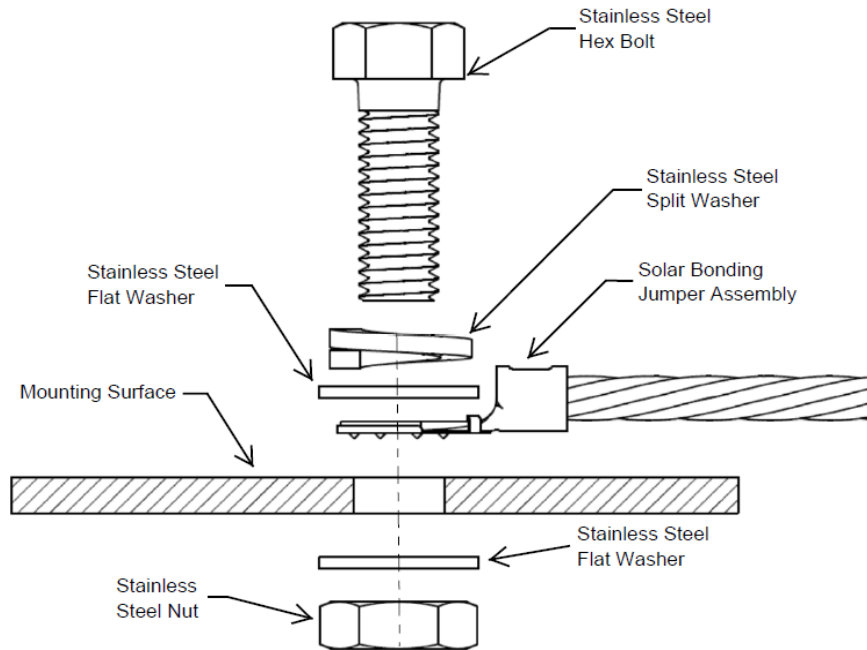


INFORMATION SHEET

Solar Bonding Jumper Assembly

for bonding PV panels and rack mounting systems



- 1) Inspect mounting surface to ensure surface is flat.
- 2) Install Solar Bonding Jumper per diagram.
- 3) Refer to table below for applicable hardware and torque:

Catalog Number	Fits Mounting Hardware	Torque (in-lbs)
SBJ-14-X*	1/4" (M6)**	72
SBJ-516-X*	5/16" (M8)	132
SBJ-38-X*	3/8" (M10)	228

* X refers to length of braid jumper. Standard lengths are 6 inches, 9 inches and 12 inches. Custom lengths are available.

** M6 flat washer should have an outside diameter of 18mm.

IMPORTANT NOTES:

- UL/CUL 467 and UL 2703 listed
- Solar Bonding Jumper can be used to bond flat-surfaced anodized/coated or mill finish aluminum or galvanized steel (G90 min) with no major surface features (grooves, ridges, etc.), with thickness range of 0.062 inches (1.57mm) to 0.250 inches (6.35mm)
- The acceptable frame material thickness is a minimum of 0.062 inches (1.57 mm) to 0.250 inches (6.35 mm), with a flat surface area no less than 34 by 12 mm (bottom of the lug)
- The acceptable mounting hole diameter is 0.236 ± 0.004 inches (5.99 ± 0.1 mm) to 0.4375 ± 0.004 inches (11.11 ± 0.1 mm) depending on the size connector used
- Rated maximum system overcurrent protection: 150 A (Cu conductor)
- Solar Bonding Jumper is designed for SINGLE USE ONLY and functionally will not be guaranteed if reused
- All installations shall be in accordance with NEC requirements in the USA and with CSA C22.1 in Canada

ADDITIONAL INFORMATION:

- For use with Listed Photovoltaic Modules or Listed Mounting Systems where described in the Listed PV Module or Listed Mounting System Installation Instructions.
- For sizing of an Equipment Grounding Conductor (EGC), the rating of the Overcurrent Protection Device (OCPD) in circuit ahead of the Equipment shall not exceed the values in NEC table 250.122 where the EGC is only required to be larger than the circuit conductors supplying the equipment.
- For use with a Grounding Electrode Conductor (GEC), the size of the conductor shall comply with NEC articles 250.66 for AC systems and 250.166 for DC systems.
- The lug mounting hardware, which consists of a 300-series Stainless Steel 1/4" (M6), 5/16" (M8) or 3/8" (M10) machine screw (hex bolt), split washer, flat washer & nut, must be provided by the installer, as per the manual.