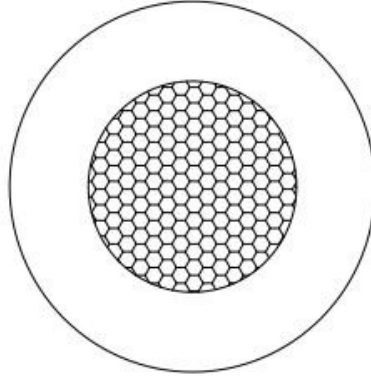




Product Specifications

Solar Cable 500AWG Aluminium conductor



Standards

- ASTM B800, B801, B836, B901
- UL 44 RHH RHW-2, UL 854 USE-2, UL 4703 PV Wire, UL 2556
- CSA listed RPVU90 per CSA C22.2 No. 271
- ANSI/ICEA S-95-658/NEMA WC 70
- VW-1 flame test, Sunlight Resistant, Direct Burial

Application

Aluminum 2KV Photovoltaic Cable is primarily used for interconnection wiring of grounded and ungrounded photovoltaic power systems. When installed in accordance with NEC article 690.31(C)(2), PV source and PV output circuits, single-conductor cable of all sizes can be installed in outdoor cable trays. The PV cable is for applications up to 2000 volts and temperatures from -40 ° C to +90° C wet or dry.

Specification

- | | | |
|-------------------|------|------------------------------|
| ■ Inner Conductor | AL | 36/31.7mm |
| ■ Insulation | XLPE | Thickness 34.3mm, OD 249.7mm |

Electrical characteristics

- | | |
|---------------------------------------|------------------------------|
| ■ DC Resistance at 20°C: 0.0348 Ω/kft | ■ Ampacity at 90°C: 350 amps |
|---------------------------------------|------------------------------|