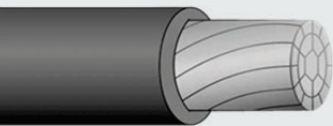


ALUMINUM PHOTOVOLTAIC WIRE



APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-230 AND B-231
- ✓ UL 44 AND UL 4703
- ✓ CSA C22.2 NO. 271-11
- ✓ ICEA S-95-658/NEMA WC70

FEATURES

- ✓ 600V AND 2000V RATED
- ✓ DIRECT BURIAL RATED
- ✓ -40°C TO 90°C MAX CONTINUING OPERATING TEMPERATURE IN WET OR DRY LOCATIONS

PRINT LEGEND

- ✓ KRIS-TECH WIRE CO. #XX MCM AL XLPE TYPE PV WIRE 2000V 90C WET OR DRY DIRECT BURIAL SUNLIGHT RESISTANT -40C FV-1 (UL)

VALUE ADD SERVICE

- ✓ CUSTOM LENGTHS AND PUT-UPS
- ✓ 12 AVAILABLE COLORS
- ✓ WIRE PARALLELING AND CABLING
- ✓ WIRE STRIPING
- ✓ CUSTOM PRINT LEGENDS AND LABELS

SCOPE

This single-conductor photovoltaic (PV) wire is used as interconnection wiring for grounded and ungrounded PV power systems on residential, community, and utility-scale solar projects.

CONSTRUCTION

Conductors: Single conductors are available in concentrically stranded 1350-H19 aluminum alloy.

Insulation: Conductors are insulated with a concentrically applied XLPE (crosslinked polyethylene) that is FV-1 flame and "Oil and Gasoline Resistant I" rated. An optional VW-1 flame rating is available on request.

All black insulation is rated "Sunlight Resistant." All colored insulation is rated "Sunlight Resistant" in sizes #6 AWG and larger, and optional in sizes #8 AWG and smaller.

IDENTIFICATION AND PACKAGING

Print legends on the wire include the manufacturer, conductor size, voltage rating, UL symbol (if applicable) and type designation. Standard length spools are 500 or 2500 feet.

MCM	Standard Number of Strands	Insulation Thickness (Mils)	Bending Radius (Inches)	Nominal Overall Diameter (Inches)	Approx. Shipping Weight (Lbs./1000')	Ampacity @ 90°C*
250	19	120	3.24	0.81	353	230
300	19	120	3.48	0.87	408	260
350	37	120	3.68	0.92	465	280
400	19	120	3.84	0.96	517	305
500	37	120	6.30	1.05	628	350
600	61	135	6.96	1.16	760	385

*Ampacity is from NEC Article 310. Check with local codes authority for guidance with your application.



SNAP FOR MORE INFORMATION