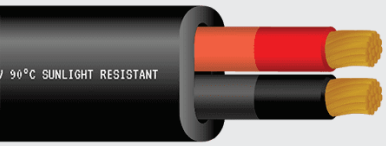
KRIS-TECH PRODUCT SPECIFICATIONS

SOLAR INVERTER CABLE



MADE IN U. S. A.

RoHS COMPLIANT

APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3 AND B-8
- ✓ UL 1277
- ✓ ICEA S-95-658/NEMA WC70

FEATURES

- ✓ SUITABLE IN CLASS 1 AND 2, DIVISION 2 HAZARDOUS LOCATIONS
- ✓ -25°C TO 90°C MAX CONTINUING OPERATING TEMPERATURE IN WET OR DRY LOCATIONS

PRINT LEGEND

- ✓ KRIS-TECH WIRE CO. #12 AWG 2 CONDUCTOR FLAT MICRO INVERTER CABLE 600V 90C SUNLIGHT RESISTANT

SNAP FOR MORE INFORMATION

SCOPE

Solar inverter cable connects solar panels and microinverters to the larger photovoltaic (PV) system. It has two stranded copper conductors insulated with polyvinyl chloride (PVC) and jacketed with nylon for moisture and heat resistance. The jacket is then covered with an overall PVC jacket to provide oil and gas resistance in hazardous locations.

CONSTRUCTION

Conductors: Single conductors are concentrically 19 stranded soft drawn annealed copper. Tinned conductors and other stranded configurations are available upon request.

Insulation: Conductors are insulated with a concentrically applied PVC (polyvinyl chloride) with a nylon jacket that is “Oil and Gasoline Resistant I” rated.

Jacket: A black, flame-resistant PVC (polyvinyl chloride) jacket that is rated “Sunlight Resistant” is extruded over the assembly. The surface profile shall approximate that of the interior assembly.

IDENTIFICATION AND PACKAGING

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

AWG	Number of Conductors	Jacket Thickness (Mils)	Nominal Overall Diameter (Inches)	Approx. Shipping Weight (Lbs/1000’)
12	2	45	0.22 x 0.35	82

SOLAR INVERTER CABLE DIAGRAM