

PV Grounding Cable

光伏接地线

■ Cable design

Conductor: Tinned Copper Alloy (TCA)

Insulation: 125°C XLPO

Sheath: 125°C XLPO

Special technology: Electron Beam Radiation Cross-linking

■ Electrical characteristics

Rated voltage U0/U: DC 1000V

Temperature range: -40°C up to +90°C

Max. temperature at conductor: 120°C

Min. bending radius: 4 x cable diameter

Tensile strength and elongation: EN 60811-1-2

Halogen free: 50525-1 Anne x B

Ozone resistance: EN 50396

UV resistance: EN50289-4-17

Cold impact test: EN60068-2-78



■ 产品应用 Application:

Type: AZ2-K

标称截面 (Conductor cross section) : 1X4,0mm², 6,0mm², 1X10mm², 1X16mm²

额定电压 (Rated Voltage) : 1000V DC

产品特性 (Characteristic) : Flame retardant, low smoke, halogen-free, UV resistant.

PV Ground cable is used in photovoltaic power generation system, which is used for photovoltaic equipment grounding. Length and model of PV ground cable can be customized.

Product Selection Table

Model	Conductor cross section	Conductor	Strand design Number	Outer	Conductor resistance	Sheath Color
	mm ²					
AZ2-K	1X4.0	TCA	56/0.285	4.9±0.1mm	8.21	Yellow-Green
AZ2-K	1X6.0	TCA	84/0.285	5.1±0.1mm	5.09	Yellow-Green
AZ2-K	1X10	TCA	77/0.4	6.1±0.1mm	3.39	Yellow-Green
AZ2-K	1X16	TCA	126/0.4	7.3±0.1mm	1.95	Yellow-Green