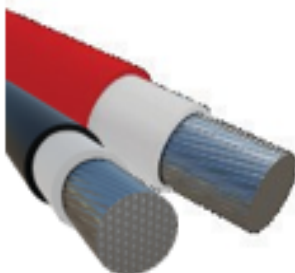


PHOTOVOLTAIC CABLES

34. SOLAR CABLES



The cable complies with the requirements of 2 Pfg 1169/08.2007, Fire Performance: IEC60332-1, Smoke Density: IEC61034, EN50268-2,

Halogen Acid Gas Emission: IEC60754-1, EN50267-2-1, Certificate: TUV.

These cables are used to interconnect the several components in a photovoltaic system (PV). They are resistant to extreme weather conditions, temperature, and UV.

STANDARD	BS EN 50618
VOLTAGE	1.0/1.0 KV(AC) - 1.5/1.5 KV (DC)
CONDUCTOR	Bunched Tinned Copper (Class 5)
INSULATION MATERIAL & COLOR	Cross Linkable Halogen Free (X90) White/Red/Black
SHEATHING MATERIAL & COLOR	Cross Linkable Low Smoke Zero Halogen UV protected Black other colour as per customer request
TEST VOLTAGE	6.5 KV AC / 15 KV DC (5 Min)
MAX. OPERATING TEMP.	120 °C

mm ²	(No./mm)	Nominal Dimension			Approx. Mass (kg/km)	
		Single Core	Two Core (Customized)		Single Core	Two Core (Customized)
		Diameter (mm)	Height (mm)	Width (mm)		
4	56/0.30	5.5	5.5	11.5	70	140
6	84/0.30	6.5	6.5	13.5	90	175