



APPLICATION

DC 1500V 2core Solar Cable 2x4mm 2x6mm, also named Solar Energy cable - Solar Panel Cable - Photovoltaic Cable, PV cable is used to interconnect solar panel arrays to inverter or solar combiner box. They're suitable for internal and external installations and connect the solar cells to the inverter or the DC mains cable. Our range of Photovoltaic cable can be roof mounted or buried direct in the earth. They're halogen free, flame retardant with low smoke properties ensuring the safety of the inhabitants in the event of a fire.

CONSTRUCTION

Conductor: 99.99% Strand Copper, Tin plated (According to VDE0295/IEC60228)

Insulation: Polyolefin copolymer electron-beam cross-linked (XLPE/XLPO)

Jacket: Polyolefin copolymer electron-beam cross-linked (XLPE/XLPO)

Technical Data

Rated Voltage: 600V/1000VAC, 1500VDC

Test Voltage: 6500V, 50Hz, 5Min

Character: UV Resistance, Halogen-free

Ambient Temperature: -40°C~120°C, More Than 25 Years (TUV)

Color: Black, Red

Standard

EN 50618:2014

Fire Performance: IEC 60332-1

Smoke Emission: IEC 61034, EN 50268-2

Certificate: TUV, CE, ISO

Size of 1500V Two Core Solar Cable

Size	Conductor Constuction	Conductor OD	Cable OD	Resistance Max.	Rated Voltage	60°C Ampacity
mm ²	n x mm	mm	mm	Ω/Km	VDC	A
2×2.5	47×0.25	1.98	5.1×10.3	8.21	1500	41
2×4.0	56×0.28	2.35	5.5×11.1	5.09	1500	55
2×6.0	84×0.28	3.06	6.3×12.7	3.39	1500	70
2×10	142×0.28	4.60	7.8×15.7	1.95	1500	98