

Data Sheet Solar Cable



Product Description

Flex tin plated copper conductor
High grade PVC insulation
PVC sheathed

Specification

Voltage rating: 1.8 kV
Temperature Rating: -10°C to 105°C

Application

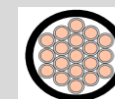
Cables designed for interconnecting photovoltaic system components suitable for fixed indoor and outdoor installation, exposed or in ducts. They offer high resistance to ozone, UV, oils, moisture and weather and operate in ambient temperatures up to 90°C (165°C overload) with estimated lifespan of 25 years.

Packaging

500m Drum

Core Colours

Black & Red



Cable Properties					Electrical Properties		
mm ²	Core Diameter	Insulation Diameter	Cable Diameter	Cable Mass	Conductor Resistance @ 20°C	Current Rating (A) @ 60°C	
	app. mm	app. mm	app. mm	app. Kg/Km	Ω/km	Air	Surface
1.5	1.55	2.95	4.42	31.6	13.70	30	29
2.5	2.04	3.44	4.92	43	8.21	41	39
4	2.35	3.75	5.23	53.2	5.09	55	52
6	2.88	4.28	5.78	71.1	3.39	70	67
10	3.8	5.4	6.92	108.5	1.95	98	93
16	5	6.8	8.34	173.1	1.24	132	125

SABS CERTIFICATION: [HTTPS://EMPIRECABLES.CO.ZA/SABS](https://empirecables.co.za/sabs)



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