



BLACK SOLAR DC CABLE, 1.8 kV, 4 mm RED SOLAR DC CABLE, 1.8 kV, 4 mm

Flexible electrical cables are suitable for solar power systems and are used to connect photovoltaic modules to the inverter.

- Excellent mechanical strength;
- Protection against UV rays, damp heat and ozone;
- Flame-retardant property;
- Halogen-free and low smoke emission.

TECHNICAL SPECIFICATIONS

	1.8 kV BLACK DC CABLE	1.8 kV RED DC CABLE
Nominal conductor cross-section	4 mm ²	4 mm ²
Maximum voltage	1800 V	1800 V
Stranding type	Round	Round
Nominal net weight	58.10 kg/km	58.10 kg/km
Maximum DC electrical resistance of the conductor at 20 °C (68 °F)	5.09 Ω/km	5.09 Ω/km
Maximum conductor temperature	120 °C (248 °F)	120 °C (248 °F)
Material type (conductor)	Flexible tinned cable with class 5 stranding	Flexible tinned cable with class 5 stranding
Material type (insulation)	Non-halogenated compound with low smoke emission and flame-retardant properties	Non-halogenated compound with low smoke emission and flame-retardant properties
Type of material (coating)	Non-halogenated compound with UV protection	Non-halogenated compound with UV protection

PRODUCT PHOTOS





BLACK SOLAR DC CABLE, 1.8 kV, 6 mm RED SOLAR DC CABLE, 1.8 kV, 6 mm

Flexible electrical cables are suitable for solar power systems and are used to connect photovoltaic modules to the inverter.

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TECHNICAL SPECIFICATIONS

	1.8 kV BLACK DC CABLE	1.8 kV RED DC CABLE
Nominal conductor cross-section	6 mm ²	6 mm ²
Maximum voltage	1800 V	1800 V
Stranding type	Round	Round
Nominal net weight	79 kg/km	79 kg/km
Maximum DC electrical resistance of the conductor at 20 °C (68 °F)	3.39 Ω/km	3.39 Ω/km
Maximum conductor temperature	120 °C (248 °F)	120 °C (248 °F)
Material type (conductor)	Flexible tinned cable with class 5 stranding	Flexible tinned cable with class 5 stranding
Material type (insulation)	Non-halogenated compound with low smoke emission and flame-retardant properties	Non-halogenated compound with low smoke emission and flame-retardant properties
Type of material (coating)	Non-halogenated compound with UV protection	Non-halogenated compound with UV protection

PRODUCT PHOTOS

