



H1Z2Z2 Solar Cable

Mechanical Characteristics

Construction:

Inner Conductor: Flexible Tinned Copper Wire
 Insulation: LSZH Halogen-Free Copolymer
 Sheath: LSZH Halogen-Free Copolymer (UV-Resistant)

Colours: Black Or Red
 Core Sizes: See Below

Storage/Operating Temperature: -40°C to +90°C
 Minimum Installation Temperature: -5°C
 Standard Reel Lengths: 25m, 50m, 100m, 500m, Custom

*Cable image and colours are for illustration purposes only and may vary.

Application

Suitable for use in all photovoltaic systems for cabling of solar modules and for connection to the AC/DC inverter.

Description

Flexible tinned copper with a halogen-free copolymer insulation and a UV-stable halogen free copolymer sheath.

Specifications

CPR Class: Up To Dca

TUV Rheinland Approved

Example Part Numbers

050003-BLK-100

Webro Part Number-Colour-Length

Electrical Characteristics

DC Resistance Conductor: 2.50mm² ≤ 7.98Ω/km
 4.00mm² ≤ 4.95Ω/km
 6.00mm² ≤ 3.30Ω/km
 10.00mm² ≤ 1.91Ω/km

Working Voltage: 0.6/1.0kV AC
 0.8/1.5kV DC

Max. Voltage: 1.2kV AC
 1.8KV DC

Variations

	2.50mm ²	4.00mm ²	6.00mm ²	10.00mm ²
AWG	14	12	10	8
Part Number	050001	050002	050003	050004
Sheath Diameter	5.00mm	5.40mm	6.20mm	7.50mm
Current Rating On Surface	39A	52A	67A	93A