


TECHNICAL SPECIFICATIONS DC EXTENSION CABLE 4mm²

DC Solar Extension Cable	Feature/Specification	Value
	Ref. No	CB0009
	Type	DC-DC (Double Ends)
	Cross Section	4mm ²
	Construction	Tinned copper wire (56x0.285±0.015mm)
	Cable Od.	5.6±0.2mm
	Jacket Material	125°C Electron-beam Irradiated XLPO
	Standard	TÜV/ EN50618:2014
	Cable Color	Male Red, Female Black
	Cable Length	2 m
Connector	Connector Type	PV004-EN
	Rated Voltage	1000V/1500V DC
	Insulation Material	PC EXL9330
	Rated Current	30A
	Protection Degree	IP67
	Contact materials	Tin plated copper
	Number of Contacts	Pair 2
	Contact Resistance	≤0.5mΩ
	Type of termination	Crimping
	Ambient Temperature	-40°C to +90°C
	Flame Class	UL94V-O

Product Features:

- **Anti-aging and UV Resistance:** The product is designed to be durable, especially in outdoor harsh environmental conditions.
- **Snap-in Lock Design:** This feature ensures easy assembly and a secure connection. The buckle on both sides can be firmly secured with an insertion force of ≤50N and a pulling force of ≤50N.
- **MC4 Connector:** The product comes equipped with an MC4 connector, a standard in the solar industry.
- **High Current and Voltage Capability:** It's suitable for high current and voltage applications. Additionally, it boasts a low contact resistance and is designed to be waterproof and dustproof.

Facade Assembly Inspection Criteria:

- **Surface Quality:** The surface of the product should be clean and smooth. There shouldn't be any scratches, burrs, or deformations.
- **Conduction Assurance:** It's essential to ensure proper conduction between the positive and negative terminals of the connector.