



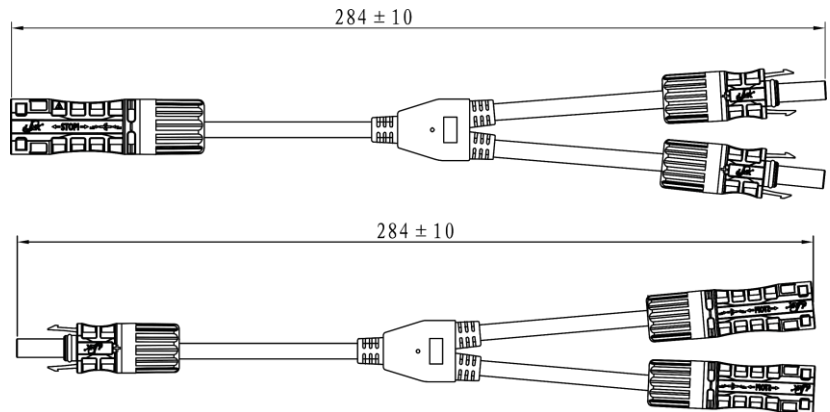
CB-1016AS



### Scope of Applications

LINK MC4 Y-Branch Cable with Connector (Pair) is designed for photovoltaic (PV) systems for both indoor and outdoor installations. It complies with and exceeds IEC 62852:2014 standards, featuring IP68 protection against dust and water, and can operate reliably across a wide temperature range. The MC4 connectors ensure low contact resistance, high current transfer capability, and a stable automatic lock system with an anti-accidental unlock design for long-term reliability. The cable is made from 6 mm<sup>2</sup> LINK SOLAR CABLE, with insulation and outer jacket made from electron-beam Cross-Linked Polyolefin (XLPO) combined with FR-LSZH, providing UV resistance, water resistance, low smoke, and halogen-free properties. The conductor consists of fine stranded tinned copper wires to minimize oxidation and corrosion, in compliance with IEC 60228 Class 5, DIN VDE 0295 Class 5, and RoHS compliant.

### Drawing



### Technical Standards

- IEC 62930:2017
- EN 50618:2014
- IEC 60228 Class 5
- DIN VDE 0295 Class 5
- IEC 62852:2014
- EN 62852:2015
- UL 6703
- TÜV Approval
- Approvals UL listed file no. E548040
- RoHS compliant

### Application

- Used to connect the wires from solar panels in a parallel circuit. To connect to controller charger or inverter



## Technical Specification

Connector system	MC4, CB-1002AS
Cable	6 sq.mm.
Rated Voltage	1500V DC
Rate current	40A
Safety class	CLASS A
Overvoltage category	CAT III/3
Pollution degree	CLASS II/2
Mating connectors	MC4
Ambient Temperature Range	-40°C to +90°C
Upper limiting temperature	105°C
relative humidity	≤70%
Degree of Protection (IP), mated unmated	IP68(1M,1H) IP2X
Insulation material	PA/PPE, XLPO
Contact material	Copper, Tin Plating
Max. contact resistance of the connector	≤ 0.3mΩ
Flame Class	UL94V-0
Salt mist spray test, degree of severity	IEC 60068-2-52
Locking system	Pressure welding

## Order Information

Part number	Description	Color	Package
CB-1016AS	MC4 Y Branch Cable w/Connector (Pair) 1500V, TUV STANDARD	Black	Pack

Specifications subject to change without notice.

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