

# MC4 Solar Cable Connector - 30A, 1000V/1500V, IP67 Waterproof

The MC4 connector is a single contact electrical connector often used to connect solar panels. It is rated IP67 waterproof and compatible with 1000V and 1500V DC systems.



## ADDITIONAL IMAGES



## Product Overview



Standard MC4 configuration designed for quick connection and anti-vibration performance.

## Standard MC4 Solar Connectivity

The MC4 connector is the industry standard for building photovoltaic panel arrays, featuring a 4mm multi-contact design. These connectors utilize a secure notch interlock system to prevent accidental disconnection and ensure a stable electrical bond. Designed for durability in outdoor environments, they are a reliable solution for connecting solar panels in both 1000V and 1500V DC systems.

## Electrical Performance

### Key Electrical Ratings

**30 A**

Rated Current

**1500 V**

Max DC Voltage

**Voltage Compatibility**

1000V DC, 1500V DC

## Protection & Durability

RAIN PROOF, MOISTURE-PROOF, DUST-PROOF AND DURABLE  
WATERPROOF GRADE IP67



The IP67 rating ensures the connector is rain-proof, moisture-proof, and dust-proof for long-term outdoor use.

### Waterproof Rating

IP67

### Environmental Resistance

- Rain proof
- Moisture-proof
- Dust-proof
- Corrosion resistance
- High heat resistance
- Wear resistance

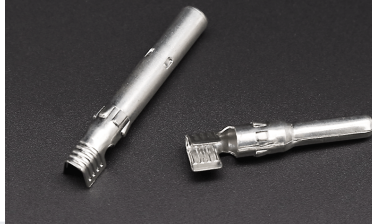
## Material Specifications

HIGH HEAT RESISTANCE, WEAR RESISTANCE,  
DURABILITY, CORROSION RESISTANCE,  
HIGH STRENGTH PPO MATERIAL



Constructed from high-strength PPO material offering excellent heat and corrosion resistance.

THICK COPPER INNER CORE .  
HIGH QUALITY MATERIAL SELECTION



Featuring a thick copper inner core for superior electrical conductivity and reliability.

**Housing Material**

High-strength PPO material

**Contact Material**

Thick copper inner core

## Safety & Installation

### VISUAL DETAIL DESIGN



Detail showing the high-strength waterproof ring and the stable self-locking compression mechanism.

### Safety Features

- Double electric shock-free protection
- Stable self-locking mechanism
- Anti-vibration function
- Guide insulator to prevent shock

### Mechanical Flexibility

Supports 90-degree bending while maintaining tight lock

## Compliance

### Certifications

CE