

MC4 Y Branch Solar Panel Connector

MC4 Y branch connectors allow parallel connection of solar panels. They provide a safe and reliable way to connect solar panels in parallel, increasing the current output of the solar array.



ADDITIONAL IMAGES



Product Overview

MC4 Y Branch Solar Connector

The MC4 Y branch connector is an essential component for solar photovoltaic systems, designed to simplify parallel wiring configurations. By allowing multiple panels to be connected into a single cable, these connectors help increase the current output of solar arrays. Engineered for durability, they feature high-strength materials, a secure self-locking mechanism, and robust weatherproofing to ensure reliable, long-term performance in outdoor environments.

Technical Specifications



IP67 rated for complete resistance to moisture, dust, and rain.



Constructed from high-strength PPO material for superior heat and corrosion resistance.

Technical Data

Feature	Specification
Connector Type	MC4 Y-Branch
Ingress Protection	IP67
Material	High-Strength PPO
Safety Mechanism	Self-locking

Key Features

Key Capabilities

Waterproof • Dustproof • Anti-vibration • Heat Resistant • Corrosion Resistant • Quick Connection

Mechanical & Safety



Designed for quick, secure connections with anti-vibration functionality.



Features a stable self-locking mechanism and supports 90-degree bending.

Safety & Design Highlights

- Double electric shock-free protection for load closure
- 90-degree bending capability while maintaining tight lock
- Compression mode connection for secure male/female assembly
- Fire-resistant construction
- Compatible with standard MC4 solar arrays