

MC4 Solar Connector

- Simple on-site processing.
- Accommodates PV cable with different insulation diameters.
- Mating safety provided by keyed housings.
- Multiple plugging and unplugging cycles.
- High current carrying capacity.
- TUV and UI approved.



Specifications

Order No.	Part P/N		Cable	
	Connector	Terminal	Conductor size (2.5mm ²)	Cable OD (<I> Dmm)
SMC4-CMMM-	SMC4-CMMM-H	SMC4-CM-TI4	AWG 14(2.5 mm ²)	ø 4.5 - ø8.5
SMC4-CMMM-		SMC4-CM-TI2	AWG 12(4.0 mm ²)	
SMC4-CMMM-1		SMC4-CM-TI0	AWG 10(6.0 mm ²)	
Order NO.	Part P/N		Cable	
	Connector	Terminal	Conductor size (mm ²)	Cable OD (mm)
SMC4-CFPM-14	SMC4-CFPM-H	SMC4-CF-TI4	AWG 14(2.5 mm ²)	ø4.5 - ø8.5
SMC4-CFPM-12		SMC4-CF-TI2	AWG 12(4.0 mm ²)	
SMC4-CFPM-I 0		SMC4-CF-TI0	AWG 10(6.0 mm ²)	
Rated current		30A(2.5-6mm ²)		
Rated voltage		1000v DC		
Test voltage		6000V(50Hz, 1 min)		
Overtoltage type/pollution degree		CAT III /2		
Contact resistance of plug connector		1m0		
Contact material		Copper, Tin- plated		
Insulation material		PPO		
Degree of protection		IP2X/IP67		
Flame doss		UL94-VO		
Safety class		II		
Suitable cable		OD 4.5-8.5(2.5-6.0 mm ²)		
Insertion force/withdrawal force		s50N/2:50N		
Connecting system		Crimp connection		
Temperature range		40°C - +125°C		