

Solar Connector

Female and male cable coupler MC4-Evo 2



01 | APPLICATION:

KUKA solar connectors are made of high-quality weather-resistant materials to ensure long-term reliability.

They can match cables from 2.5 mm² to 10 mm² and can be widely used in different applications. Low contact resistance and high current transmission capacity ensure high product efficiency. The connector has an IP68 waterproof rating and can be used in a wide operating temperature range of -40 °C to 85 °C.

02 | STANDARDS:



TÜV



IEC 1500V



IEC62852



-40°C~85 C



UL94-V0



IP 68



UV Resistance

PARAMETER		
Part No.	KKEVO201-46	KKEVO201-10
Solar Cable Size	2.5mm ² , 4mm ² , 6mm ²	10mm ²
Solar Cable Outer Diameter	5.0mm to 6.9mm	7.0mm to 8.5mm
Standard	IEC62852	
Rate Current	30A	45A
Rated Voltage	1500V DC	
Structure	Lock	
Terminal Type	U Type	
Terminal Resistance	≤0.5mΩ	
Terminal Material	CU, Tin Plated	
Plastic	PPO	
Waterproof Level	IP68	
Flame Retardant	UL94-V0	
Operating Temp	-40 °C to +85 °C	
Electrical Connections	Crimping	