

Original MC4

Renewable Energy | Solar Photovoltaics

EN



Female and male cable coupler MC4

As individual part with open crimp contact (including insulating part)



Female cable coupler PV-KBT4...



Male cable coupler PV-KST4...

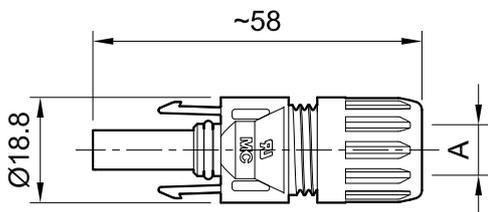
- In accordance with NEC 2023, requires a tool to open.
- Proven MULTILAM technology with high long-term stability, which ensures consistently low performance loss throughout the entire service life of the plug connector.
- Approved for DC 1100 V (IEC)¹⁾ and DC 1500 V (UL).
- Tried and tested plug connectors, over 25 years of experience in the field.
- Available for assembly with cross-sections up to 10 mm².
- Also available as ready made leads according to customer's specification.
- To be used with suitable mated connectors from the MC4 product family and suitable lead.

Technical data

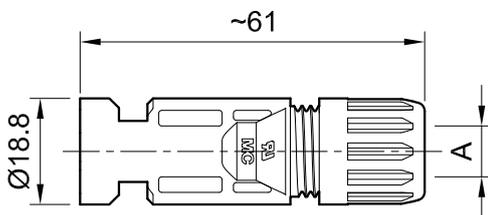
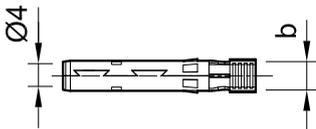
Technical data	
Ambient temperature range	-40 °C...+85 °C (TÜV/UL)
Upper limiting temperature	105 °C
Degree of protection, mated	IP65/IP68 (1 m, 1 h)
Degree of protection, unmated	IP2X
Degree of pollution	3
Max. contact resistance of the connector	0.25 mΩ
Rated Impulse Voltage	16 kV
Contact system	MULTILAM
Type of connection	Crimping
Contact material	Copper, tin plated
Insulation material	PC/PA
Locking system	Locking Type
Fire protection class	UL94:V-0
Ammonia resistance (acc. to DLG)	yes
Salt mist spray test, degree of severity 6	yes
TÜV Rheinland certifications number	R 60127190
TÜV Rheinland 2 PFG 2330	R 60087448
UL-File number	E343181
CSA number of certificate	250725
CQC number of certificate	CQC20024256431
JET number of certificate	B19T0013

¹⁾ The IEC voltage expansion for MC4 cable couplers up to DC 1100 V applies to 2.5 mm², 4.0 mm² and 6.0 mm² cable cross sections used in the end application. However, the 10 mm² cross-section remains at DC 1000 V.

Dimensional drawings



Female cable coupler PV-KBT4...



Male cable coupler PV-KST4...

