Technical Data of PV Cable Connector
CN40-CM-**

Male Connector	CN40-CMMM-**	Female Connector	CN40-CFPM-**





1. Description

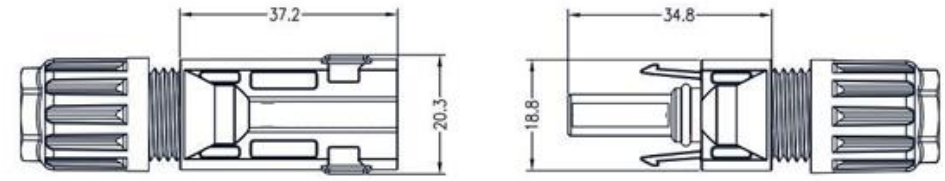
- Compatible MC4.
- Simple on-site processing, safe and quick.
- Mating safety provided by keyed housings.
- Multiple plugging and unplugging cycles.
- Accommodates PV cable with different insulation diameters.
- High current carrying capacity.

2. Specification

Items	Specification
Insulation material	PPE
Rated current	50A
Rated voltage	1500V
Test voltage	8KV (50Hz,1Min)
Contact Resistance	<0.5mΩ
Contact material	Cooper, Tin plated
Degree of protection	IP2x/IP68
Safety class	II
Flame class	UL94 - V0
Insertion force	Max. 50N

Withdrawal force	Min. 50N
Ambient temperature range	-40°C ~ + 85°C
Suitable cable cross sections	2.5/4.0/6.0mm^2 AWG14/12/10
Connecting system	Crimp connection

3. Optional metal terminals: stamped terminal



Optional Metal Terminals: Lathed Terminal



Optional Metal Terminals: Stamped Terminal



Order No.	**Part (P/N)**		**Cable Specification**	
	Connector	Terminal	Conductor Size	Cable OD (Outside Diameter) mm
CN40-CM-01	CN40-CMMM-H	CN40-CM-MT01	AWG14 (2.5mm^2) AWG12 (4.0mm^2) AWG10 (6.0mm^2)	Ø4.5~Ø8.5
	CN40-CFPM-H	CN40-CM-FT01		