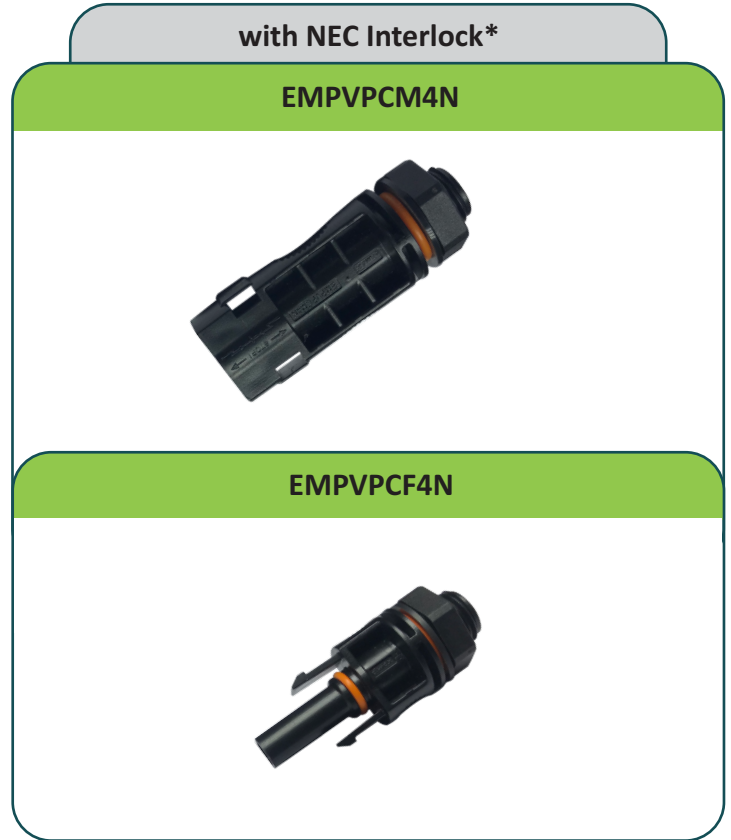




'elmex' PV Solar Panel connectors **EMPVPCM4**, **EMPVPCF4**, **EMPVPCM4N** & **EMPVPCF4N** are applicable for panel mounting connection. They are constructed using flame retardant engineering thermoplastic suitable for exposure to UV rays & for application in PV power generation system. 'elmex' panel connectors are designed for use in connection for photovoltaic devices like DCDB (DC Distribution Block), Inverters, String Combiner Boxes, etc. These connectors are provided with hexagonal nut for fixing & tightening it on mounting surface. A silicon rubber o-ring is provided between panel connector surface & the wall of the photovoltaic enclosure ensuring protection against ingress of water & dust. 'elmex' panel connectors have mating compatibility not only with 'elmex' straight connectors but also with straight connectors of leading international makes having similar construction.



Description	Specifications
Rated Voltage	1000V / 1500V DC
Rated Current	25A (2.5 mm ²), 30A (4.0 mm ² , 6.0 mm ²)
Test Voltage	6KV (1000V) / 8KV (1500V)
Contact Material	Copper with Tin Plating
Ambient Temperature	-40° C to +85° C
Max. Operating Temp.	+110° C
Safety Class	II
Contact Resistance	< 0.5mΩ
Insertion Force	≤ 50 N
Withdrawal Force	≥ 50 N
Rated Conductor Size	2.5 mm ² / 4.0 mm ² / 6.0 mm ²
Locking System	Snap In



Note: Our Connectors are suitable for PV Solar Cables of 2.5 / 4.0 / 6.0 mm² diameter (As per 2Pfg 1169 / EN 50618).

*Connectors when mated, need a tool to open in accordance with NEC 2014.