

'elmex' PV Solar Branch connectors **EBPV4M-N** and **EBPV4F-N** are applicable for parallel connection with PV straight male or female connectors depending on on-site application. Branch connectors have 3 branches, 2 for inputs, either male or female and 1 for output, either male or female. These connectors are constructed using flame retardant thermoplastic suitable for exposure to UV rays and for application in PV power generation system. When mated, they can be disconnected with the use of 'elmex' make open end spanner. 'elmex' branch connectors have mating compatibility not only with 'elmex' straight connectors but also with straight connectors of leading International makes having similar construction.



Features

- ❖ TUV Certified
- ❖ Snap Fit Locking Arrangement
- ❖ IP 68 Protection when mated
- ❖ Low Contact Resistance
- ❖ Provides UV Protection (Tested for 500 hrs as per ISO 4892-2)
- ❖ Tested as per International Standards / IEC 62852

Description	Specifications
Rated Voltage	1500V DC
Rated Current	25A (2.5 mm ²), 30A (4.0 mm ² , 6.0 mm ²)
RMS Test Voltage	8 kV (1500V)
Impulse with stand Voltage	16 kV
Degree of Protection	IP 68
Contact Material	Copper with Tin Plating
Ambient Temperature	-40° C to +85° C
Max. Operating Temp.	+110° C
Pollution Degree	3
Contact Resistance	< 0.5 mΩ
Insertion Force	≤ 50 N
Withdrawal Force	≥ 50 N
Locking System	Snap In



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