



'elmex' PV Solar Branch connectors **EBPV4M**, **EBPV4F**, **EBPV4M-N** & **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 & 1 for output either male or female. These connectors are constructed using flame retardant thermoplastic suitable for exposure to UV rays & 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.

**EBPV4F**



**EBPV4M**



**with NEC Interlock\***

**EBPV4F-N**



**EBPV4M-N**



Description	Specifications
Rated Voltage	1000V / 1500V DC
Rated Current	25A (2.5 mm <sup>2</sup> ), 30A (4.0 mm <sup>2</sup> , 6.0 mm <sup>2</sup> )
Test Voltage	6KV (1000V) / 8KV (1500V)
Degree of Protection	IP 67
Contact Material	Copper / Copper Alloy with Nickel and 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
Locking System	Snap In



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