

'elmex' PV Solar - 4 Rail Junction Box **EPVJB-F** is suitable for electrical connection from PV Crystalline module as a solution for easy and reliable interconnection from PV module to DC / AC converters. It has simple and cost effective assembly designed with snap fit locking arrangement with IP 65 protection requirement for PV industry. The Junction Box is provided with two cables each of 1 meter length, with 'elmex' make straight male and female **EMPV4 / EMPV4N** connector for simple on-site wiring. PV Junction Box employs fast switching Schottky Diodes with peak reverse voltage rating of 45 V. The diodes are soldered with PV rails using lead-free, high melting point solder alloy. PV ribbons from PV module can be connected with junction box rails by soldering process.



**EPVJB-F**

Description	Specifications
Rated Voltage	1000V DC
Rated Current	12A
Degree of Protection	IP 65
Type of Terminal	Soldering
Number of Diodes	3
Diode Rating	15A / 20A / 25A
Type of Diode	Schottky Diode
Contact Material	Copper with Tin Plating
Operating Temperature	-40C° to +85° C
Application	250W to 310W
Connector	'elmex' Straight Connectors <b>EMPV4 / EMPV4N</b>
Locking System	Snap In
Cable	TUV certified solar cable of 1 meter standard length



**R60121130**