



'elmex' PV Solar Straight Inline Fuse Connectors



'elmex' PV Solar Straight Inline fuse connectors **EMPV4FC**, **EMPV4FCM** & **EMPV4FCF** are applicable for Photovoltaic string protection. The variants of these connectors offer users with options of either using a male or female straight connector at one end & cable at the other end or using male/female straight connectors at both the ends for string protection with fuse. 'elmex' straight inline fuse connectors have plug & socket design suitable for **2.5, 4.0, 6.0 mm²** size cables & are constructed using flame retardant engineering thermoplastic suitable for exposure to UV rays & for application in PV power generation system. They are suitable for use with gPV (Cylindrical) fuse of ϕ 10 X 38 mm.



Description	Specifications
Rated Voltage	1000V DC
Rated Current	15A
Test Voltage	6KV
Degree of Protection	IP 67
Contact Material	Copper Alloy with Tin Plating
Ambient Temperature	-40° C to +85° C
Safety Class	II
Contact Resistance	< 0.5m Ω
Insertion Force	\leq 50 N
Withdrawal Force	\geq 50 N
Rated Conductor Size	2.5 mm ² / 4.0 mm ² / 6.0 mm ²
Locking System	Snap In

- Note: (1) Our Connectors are suitable for PV Solar Cables of 2.5 / 4.0 / 6.0 mm² diameter (As per 2Pfg 1169 / EN 50618).
 (2) Connectors when mated, need a tool to open in accordance with NEC 2014.
 (3) It is recommended to use gPV (cylindrical) fuse of ϕ 10 X 38 mm dimension.



'elmex' gPV Fuse Link



'elmex' gPV Fuse Link suitable for 1000V DC photovoltaic applications.

Description	Specifications
Rated Voltage	1000V DC
Rated Current	4, 10, 12, 15, 16, 20, 25, 30 A
Type	gPV (Cylindrical)
Dimension	ϕ 10 X 38 mm
Testing Standard	IEC 60269-6