

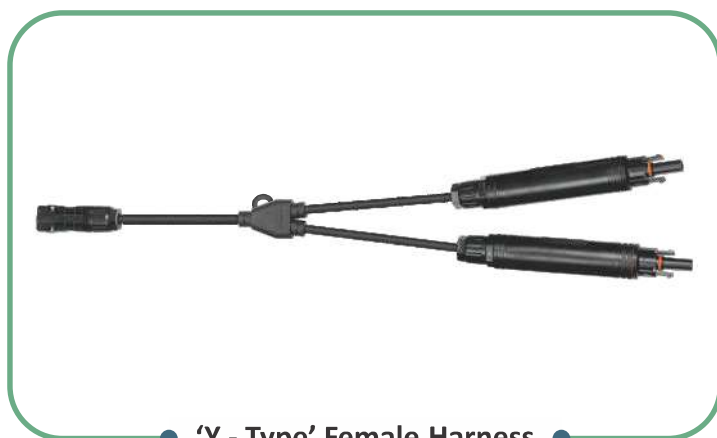
# 'elmex' PV Solar Over Moulded Wire Harnesses with Fuse - 1500V



'elmex' PV Solar Over Moulded Y-Type Wire Harness solutions with Inline Fuse are designed for photovoltaic applications, featuring multiple input and output connections with a plug-and-socket design suitable for 4.0 and 6.0 mm<sup>2</sup> cables. 'elmex' Y-Type over moulded wire harnesses are constructed from flame-retardant engineering thermoplastic elastomer and offers UV resistance, making the wire harnesses ideal for long-term use in PV power generation systems. The customizable Y-Type wire harnesses can be configured with straight inline fuse connectors and are compatible with gPV (Cylindrical) fuses of Ø 10 x 85 mm. The Y-Type wire harnesses support various cable sizes, including 2.5, 4.0, and 6.0 mm<sup>2</sup>, providing flexibility for different system requirements and ensuring reliable, durable connections in outdoor solar power setups.



'Y - Type' Male Harness



'Y - Type' Female Harness

Description	Specifications
Rated Voltage	1500V DC
Rated Output Current	54A (Output)
RMS withstand Voltage	8 kV
Ambient temperature range	-40 °C ... +85 °C
Upper Limit Temperature	+110°C
Cable Cross Section	Available with 4.0 mm <sup>2</sup> and 6.0 mm <sup>2</sup>
Protection Class	Class II
Pollution Degree	2
Degree of Protection	IP68 (when mated)
Contact material	Copper with tin Plating
Locking System	Snap In

Note: (1) 'elmex' Wire Harness solutions are customized, based on cable size, length & type of connectors.  
(2) Connectors when mated, need a tool to open in accordance with NEC 2014.  
(3) Solar DC Cable with 4.0 mm<sup>2</sup> / 6.0 mm<sup>2</sup> are as per standard EN 50618/IEC 62930.

## 'elmex' gPV Fuse Link

'elmex' gPV Fuse Link suitable for 1500V DC photovoltaic applications.



EPVFL1500

Description	Specifications
Rated Voltage	1500V DC
Rated Current	upto 30 A
Type	gPV (Cylindrical)
Dimension	Ø 10 X 85 mm
Testing Standard	UL 248-1, UL 248-19 Extended to UL 2579

