

elmex PV Solar Over Moulded Wire Harnesses solutions are suitable for photovoltaic applications, having multiple input & output with plug & socket design suitable for 2.5, 4.0, 6.0 mm² size cables. They are constructed using flame retardant engineering thermoplastic elastomer suitable for exposure to UV rays & for application in PV power generation system. The over moulded wire harnesses are customized solutions & can be configured using straight connectors or inline fuse connectors with different cable sizes of 2.5, 4.0 & 6.0 mm².



● 'Y - Type' Male Harness ●



● 'Y - Type' Female Harness ●



● 'Y - Type' 6 in 1 out Harness ●

Description	Specifications
Rated Voltage	1000V DC / 1500V DC
Rated Current	30A
RMS Test Voltage	6 kV (1000V) / 8 kV (1500V)
Contact Material	Copper with Tin Plating
Degree of Protection	IP 68
Pollution Degree	III
Rated Conductor Size	2.5 mm ² / 4.0 mm ² / 6.0 mm ²
Locking System	Snap In Locking Type



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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.