



'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 mm<sup>2</sup> 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 mm<sup>2</sup>.

### 'Y - Type' Male Harness



### 'Y - Type' Female Harness



### 'Y - Type' 6 in 1 out Harness



Description	Specifications
Rated Voltage	1000V DC
Rated Current	30A
Test Voltage	6KV
Contact Resistance	< 0.5mΩ
Contact Material	Copper with Tin Plating
Degree of Protection	IP 67
Pollution Degree	III
Safety Class	Class II
Rated Conductor Size	2.5 mm <sup>2</sup> / 4.0 mm <sup>2</sup> / 6.0 mm <sup>2</sup>
Locking System	Snap In Locking Type

Note: 'elmex' Wire Harness solutions are customized, based on cable size, length & type of connectors