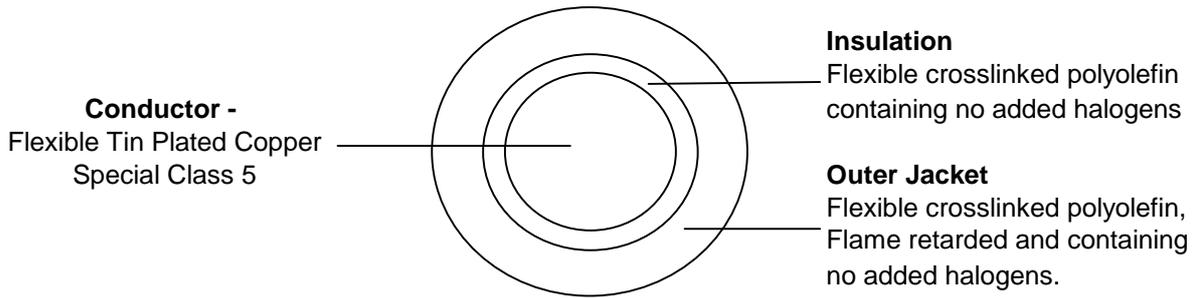


1800 VOLT D.C. HALOGEN FREE, GLOBAL SOLAR PHOTOVOLTAIC CABLE

The complete requirements for procuring the wire described herein shall consist of this document.



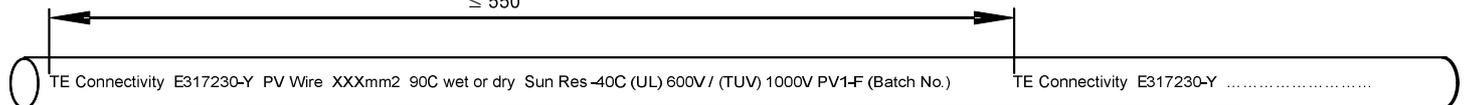
Part Description	CONDUCTOR		FINISHED WIRE						Weight Nominal (kg/km)
	Stranding No./Max. Diameter (mm)	Maximum Diameter (mm)	Max. Resist @ 20°C (ohms/km)	Nominal Wall Thickness		Outer Diameter (mm)			
				Insulation (mm)	Jacket (mm)	Lower Spec Limit	Target	Upper Spec Limit	
ZHSCG-35-2.5-*	50/0.26	1.95	8.21	1.14	1.15	6.55	6.65	6.80	62.5
ZHSCG-35-4.0-*	56/0.31	2.50	5.09	1.14	0.95	6.80	6.90	7.00	75.8
ZHSCG-35-6.0-*	84/0.31	3.05	3.39	1.14	0.95	7.10	7.35	7.65	95.5

COLOUR CODE: The '*' in the part description represents the outer jacket colour. e.g. ZHSCG-35-6.0-0 is 6 mm² conductor size, with black jacket. Standard colours are Black (0), Red (2), Blue (6).

PERFORMANCE REQUIREMENTS: To be tested and meet the requirements of the issue in effect of Tyco Electronics specification WSD 2038, TÜV specification 2Pfg1169/08.2007 and UL Subject 4703.

JACKET MARKING: 'TE Connectivity E317230-Y PV Wire XXXmm² 90C wet or dry Sun Res -40C (UL) 600V / (TUV) 1000V PV1-F (Batch No.)'

Where: Y stipulates Trutnov or Shanghai manufacturing location (see below).
XXX is cable size cross sectional area (CSA)
Batch No. is substituted by the appropriate batch number reference.
≤ 550



NOTE: To identify the manufacturing location (Trutnov/Shanghai) add letter after the E317230 UL file number.
For Trutnov it will be E317230-C
For Shanghai it will be E317230-S
For Swindon it will be E317230 (no change)

LABELLING REQUIREMENTS: On Tag, Reel or Carton
The tag markings shall include the surface markings required above.

In addition, the following information is required:

- Date of manufacture by year and month.
- "Photovoltaic module interconnection wire for use with or without a raceway in accordance with Wiring Systems, Article 690 in the National Electric Code (NEC), NFPA 70" or equivalent.
- Nominal outside diameter.

APPROVAL: Electronic sign off - no signatures will appear.