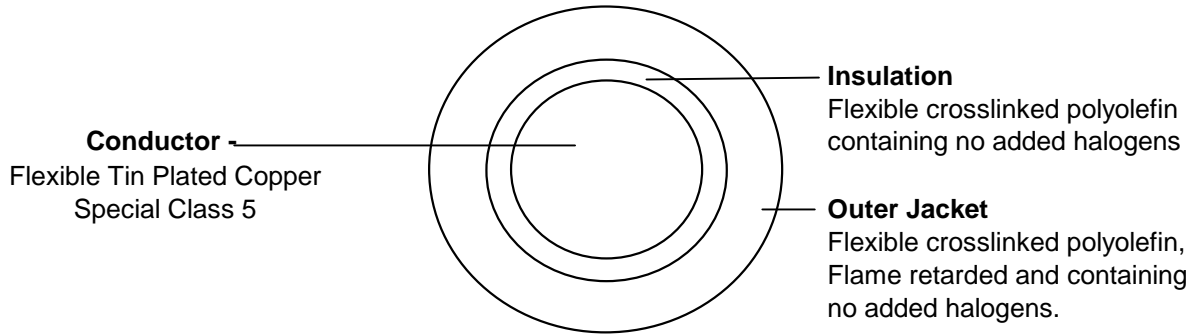


1800 VOLT D.C. HALOGEN FREE, GLOBAL SOLAR PHOTOVOLTAIC CABLE
 The complete requirements for procuring the wire described herein shall consist of this document.

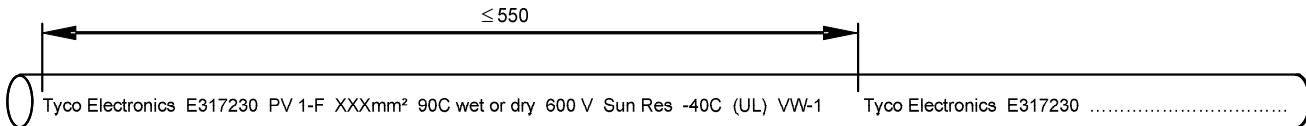


Part Description	CONDUCTOR		FINISHED WIRE						Weight (kg/km) Nominal
	Stranding No./ Max. Diameter (mm)	Maximum Diameter (mm)	Max. Resist @ 20°C (ohms/km)	Nominal Wall Thickness		Outer Diameter (mm)			
				Insulation (mm)	Jacket (mm)	Lower Spec Limit	Target	Upper Spec Limit	
ZHSCG-35-2.5-*	50/0.26	1.95	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 number 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 2Pfg1 169/08.2007 and UL Subject 4703.

JACKET MARKING: 'Tyco Electronics E317230 PV 1-F XXXmm² 90C wet or dry 600 V Sun Res -40C (UL) VW-1'
 Where XXX is cable size cross sectional area (CSA)
 (600 V refers to AC voltage as described in UL Subject 4703.)



NOTE: To identify the manufacturing location (Trutnov or 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.

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