

PERFORMANCE

WIRE & CABLE INC

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XLPE



APPLICATION :

Single conductor Photovoltaic wire rated @ 90°C wet or dry, 1000 volt for use as interconnection wiring in grounded or ungrounded photovoltaic systems as defined in applicable parts of the National Electrical Code (NEC) NFPA 70

STANDARDS :

1. *Listed by Underwriters Laboratories as Type USE-2 (90°C wet or dry) per Standard 854 for Service Entrance Cables.**
2. *Listed by Underwriters Laboratories as Type RHW-2 (90°C wet or dry) or RHH (90°C dry) per Standard 44.**
3. *Conforms to ICEA Pub. No.S-95-658*

Construction

Annealed copper conductor, XLP thermosetting chemically crosslinked polyethylene insulation, surface printed.

Conductor: Stranded Bare or Tinned copper, conforms to ASTM B-3 & B-8

Insulation: Flame-retardant Cross-linked Polyethylene (XLPE) Black

XLPE

Size AWG or kcmil	No. of Strands	Insulation Thickness Mils	Nom. Diam Inches	Copper			
				Ampacity		Aprox. Wt. Lb/1000 Ft.	
				90°C * USE-2 RHW-2 RHH	75°C ** USE RHW	Net	Shipping
STRANDED							
14	7	60	0.192	15	15	28	31
12	7	60	0.212	30	30	38	41
10	7	60	0.235	40	35	45	49
8	7	75	0.296	55	50	72	79
6	7	75	0.334	75	65	105	115
4	7	75	0.382	95	85	155	175

* AMPACITY in accordance with NEC for not more than three conductors. As RHW-2 in Raceway, 90°C conductor temperature and 30°C ambient in wet or dry locations. As RHH: in raceway, 90°C Conductor temperature and 30°C ambient in dry locations. As USE -2: direct burial, 90°C conductor Temperature and 30°C ambient in wet locations.

** AMPACITY in accordance with NEC for not more than three conductors. As RHW: in raceway, 75°C conductor temperature and 30°C ambient in wet or dry locations. As USE: direct burial, 75°C conductor temperature and 30°C ambient in wet locations.