



**PV PHOTOVOLTAIC CABLE 600V RATED
CROSS-LINKED POLYETHYLENE INSULATED
14 thru 4/0 AWG 600V -40°C TO 90°C WET OR 105°C DRY**

DESCRIPTION: Xtreme® brand Photovoltaic cable has a chemically cross-linked polyethylene insulation.

APPLICATIONS: Appropriate for use in solar power applications as well as USE-2 and RHW-2 600 volt applications. Suitable for applications that require superior flame retardant and extreme temperature conditions.

CONSTRUCTION: CONDUCTORS: Stranded bare and tinned copper conductors per ASTM B-3, B-8. Available in 7 or 19 stranded versions. **INSULATION:** Cross-linked polyethylene.

COLORS: Black, Green, White, Red. Print on one side with a contrasting ink. An extruded stripe is available upon request.

INDUSTRY LISTINGS & STANDARDS

UL Listed as Photovoltaic Cable per Standard Subject 4703, 44 and 854

-40°C Rated to

90°C Wet/105°C Dry Rated

Gasoline and Oil Resistant II

RoHS Compliant

Sunlight Resistant

VW-1 Rated

AWG	Strand	Insulation Thickness (mils)	Nominal O.D. (inch)	Approximate Net Weight (lbs/kft)	Copper Weight (lbs/kft)	Ampacity 90C Wet/Dry
14	7 or 19	60	0.193	24	12.78	35
12	7 or 19	60	0.212	33	20.20	40
10	7 or 19	60	0.237	48	31.72	55
8	7 or 19	75	0.297	76	51.05	80
6	7 or 19	75	0.335	110	80.90	105
4	7 or 19	75	0.384	164	128.9	140
3	7 or 19	75	0.412	200	162.5	165
2	7 or 19	75	0.444	246	204.9	190
1	19	95	0.482	320	253.40	220
1/0	19	95	0.563	393	319.40	260
2/0	19	95	0.609	485	402.80	300
3/0	19	95	0.660	601	510.20	350
4/0	19	95	0.718	684	598.32	405

MARKING: PRIORITYWIRE AND CABLE <AWG> (UL) PV WIRE 600V 90C WET OR 105C DRY (- 40C) SUN RES UV RATED VW-1 GAS & OIL RES DIRECT BURIAL ROHS E340884

Available From:

SolarPanelStore.com

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Signature

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