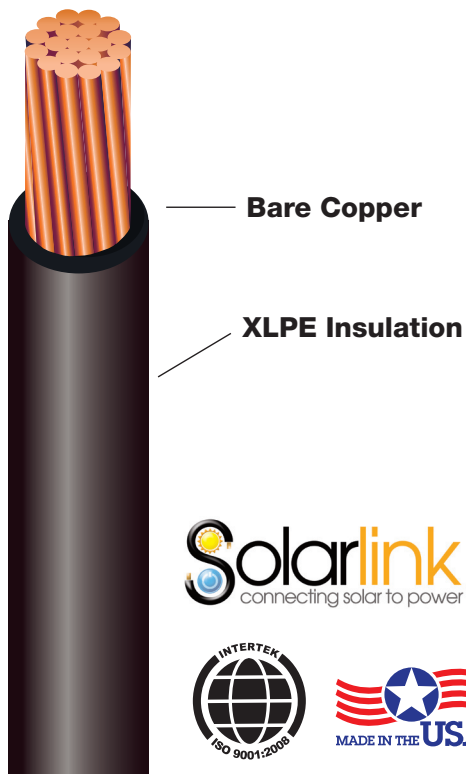


Cross-Linked Polyethylene Insulated  
18 - 4/0 AWG • 2000 Volts • -40°C to 105°C Dry and 90°C Wet



## Description

ADC's **Solarlink** brand Photovoltaic cable has a chemically cross-linked polyethylene insulation.

## Applications

Appropriate for use in solar power applications that require 2,000 volt rating. For use in grounded interconnection and ungrounded Photovoltaic power systems.

## Construction

**Conductors:** Stranded bare copper conductor per ASTM B-3, B-8. Available in 7 or 19 stranded versions as well as tinned copper.

**Insulation:** Chemically Cross-linked polyethylene

**Colors:** Black, Green, White, Red. Print on one side with a contrasting ink. An extruded stripe and other colors are available upon request.

## Industry Listings & Standards

UL Listed as Photovoltaic Cable per Standard Subject 4703 and 44  
-40°C/90°C Wet/105°C Dry Rated  
Gasoline and Oil Resistant II  
RoHS Compliant  
Sunlight Resistant  
VW-1 Rated



## Cable Identification

“ADVANCED DIGITAL CABLE ## AWG (UL) PV WIRE 2KV 105°C (-40C) SUN RES UV RATED VW-1 OR RHW-2 600V 90C WET OR DRY DIRECT BURIAL RoHS E324841”

## Cable Data

Part Number	AWG	Strand	Insulation Thickness (mils)	Nominal O.D. (inch)	Approximate Net Weight lbs/1M'	Copper Weight per lbs/1M'
3182PV	18	7	75	0.198	22.81	5.4
3162PV	16	7	75	0.208	26.8	7.97
3142PV	14	7	75	0.223	33.73	12.78
3122PV	12	7	75	0.242	43.84	20.2
3102PV	10	7	75	0.266	59.09	32.05
3082PV	8	7	85	0.316	88.12	51.05
3062PV	6	7	85	0.354	124.06	80.9
3042PV	4	7	85	0.402	179.76	128.9
3032PV	3	7	85	0.430	217.86	162.5
3022PV	2	7	85	0.462	265.39	204.9
3012PV	1	19	105	0.542	344.62	258
30102PV	1/0	19	105	0.583	420.75	326
30202PV	2/0	19	105	0.629	514.86	411
30302PV	3/0	19	105	0.680	631.97	518
30402PV	4/0	19	105	0.738	778.47	653

The information contained on this specification is intended to be used a guide in product selection and is believed to be reliable. ADC has made every effort to ensure the data shown above is accurate at the time of publication. This specification is subject to change anytime without notice.