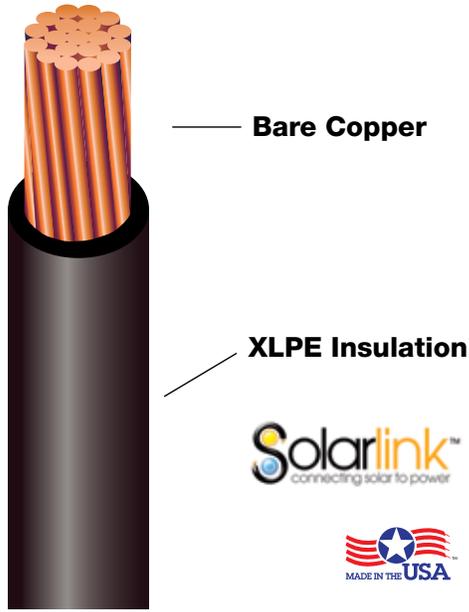


# 2kV Rated PV

Cross-Linked Polyethylene Insulated  
18 - 750 MCM • 2000 Volts • -40°C to 90°C Wet and Dry



### Cable Identification

“ADVANCED DIGITAL CABLE INC. XX AWG (UL) PV WIRE OR RHW-2 2000V OR USE-2 600V 90°C WET OR DRY (-40C) SR GR11 DIRECT BURIAL RoHS E324841”

### 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 and Dry Rated  
Gasoline and Oil Resistant II  
RoHS Compliant  
Sunlight Resistant  
VW-1 Flame Rating Optional



### Cable Data

Part Number	AWG	Strand	Insulation Thickness (mils)	Nominal O.D. (inch)	Approximate Net Weight lbs/1M'
3182NPV	18	7	75	.196	18
3162NPV	16	7	75	.208	22
3142NPV	14	7	75	.221	28
3122NPV	12	7	75	.242	38
3102NPV	10	7	75	.264	51
3082NPV	8	7	85	.314	78
3062NPV	6	7	85	.351	112
3042NPV	4	7	85	.399	166
3032NPV	3	7	85	.427	203
3022NPV	2	7	85	.459	249
3012NPV	1	19	105	.539	323
30102NPV	1/0	19	105	.572	390
30202NPV	2/0	19	105	.616	480
30302NPV	3/0	19	105	.667	590
30402NPV	4/0	19	105	.722	737
302502NPV	250 MCM	37	120	.798	879
303002NPV	300 MCM	37	120	.845	1045
303502NPV	350 MCM	37	120	.901	1198
304002NPV	400 MCM	37	120	.946	1365
305002NPV	500 MCM	37	120	1.029	1673
306002NPV	600 MCM	61	135	1.136	2011
307502NPV	750 MCM	61	135	1.238	2518

The information contained on this specification is intended to be used as 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. REV0618