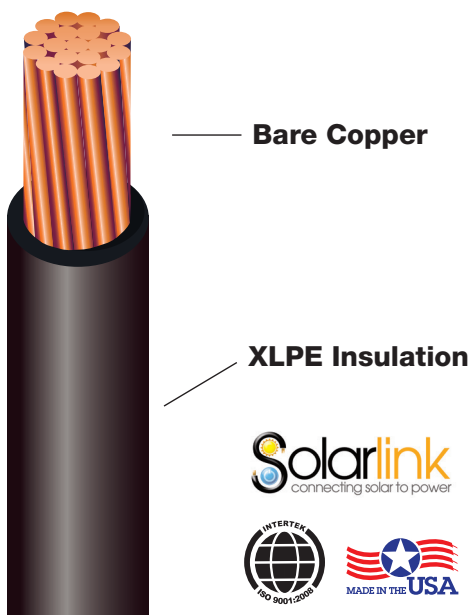


2kV Rated PV

Cross-Linked Polyethylene Insulated
18 - 750 MCM • 2000 Volts • -40°C to 105°C Dry and 90°C Wet



Cable Identification

“ADVANCED DIGITAL CABLE INC. XX AWG (UL) PV WIRE 2KV 90°C WET OR 105°C DRY (-40C) SUN RES RHW-2 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/105°C Dry Rated
Gasoline and Oil Resistant II
RoHS Compliant
Sunlight Resistant



Cable Data

Part Number	AWG	Strand	Insulation Thickness (mils)	Nominal O.D. (inch)	Approximate Net Weight lbs/1M'	Copper Weight per lbs/1M'
3182NPV	18	7	75	.198	22.81	5.40
3162NPV	16	7	75	.208	26.80	7.97
3142NPV	14	7	75	.223	33.73	12.78
3122NPV	12	7	75	.242	43.84	20.20
3102NPV	10	7	75	.266	59.09	32.05
3082NPV	8	7	85	.316	88.12	51.05
3062NPV	6	7	85	.354	124.06	80.90
3042NPV	4	7	85	.402	179.76	128.90
3032NPV	3	7	85	.430	217.86	162.50
3022NPV	2	7	85	.462	265.39	204.90
3012NPV	1	19	105	.542	344.62	258.00
30102NPV	1/0	19	105	.583	420.75	326.00
30202NPV	2/0	19	105	.629	514.86	411.00
30302NPV	3/0	19	105	.680	631.97	518.00
30402NPV	4/0	19	105	.738	778.47	653.00
302502NPV	250 MCM	37	120	.815	943.00	772.00
303002NPV	300 MCM	37	120	.870	1113.00	926.00
303502NPV	350 MCM	37	120	.921	1284.00	1081.00
304002NPV	400 MCM	37	120	.968	1453.00	1235.00
305002NPV	500 MCM	37	120	1.053	1793.00	1544.00
306002NPV	600 MCM	61	135	1.163	2146.00	1853.00
307502NPV	750 MCM	61	135	1.268	2640.00	2309.00

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.

PHONE: (800) 343 2579 • FAX: (828) 389 3922 • WWW.ADCABLE.COM

available at: SolarPanelStore.com