

PV PHOTOVOLTAIC CABLE 600V Rated

Cross-Linked Polyethylene Insulated
18 - 4/0 AWG • 600 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

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 600V 105°C (-40C) SUN RES UV RATED
VW-1 OR RHW-2 600V 90C WET OR DRY DIRECT
BURIAL RoHS E324841"

Cable Data

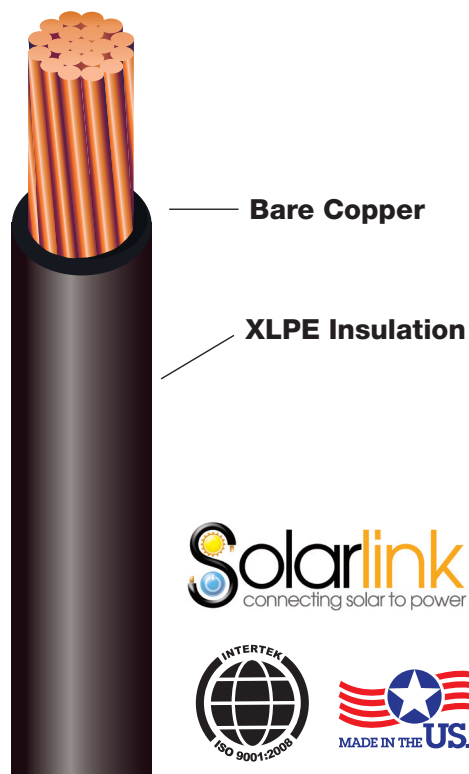
Part Number	AWG	Strand	Insulation Thickness (mils)	Nominal O.D. (inch)	Approximate Net Weight lbs/1M'	Copper Weight per lbs/1M'
318PV	18	7	60	.166	14	5.4
316PV	16	7	60	.178	18	7.97
314PV	14	7	60	.193	24	12.78
312PV	12	7	60	.212	33	20.2
310PV	10	7	60	.237	48	32.05
308PV	8	7	75	.297	76	51.05
306PV	6	7	75	.335	110	80.9
304PV	4	7	75	.384	164	128.9
303PV	3	7	75	.412	200	162.5
302PV	2	7	75	.444	246	204.9
301PV	1	19	95	.482	320	258
3010PV	1/0	19	95	.563	393	326
3020PV	2/0	19	95	.609	485	411
3030PV	3/0	19	95	.660	601	518
3040PV	4/0	19	95	.718	684	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.

PV PHOTOVOLTAIC CABLE 1KV Rated

Cross-Linked Polyethylene Insulated

18 - 4/0 AWG • 1000 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 1,000 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 1KV 105°C (-40C) SUN RES UV RATED VW-1 OR RHW-2 600V 90C WET OR DRY DIRECT BURIAL RoHS E324841”



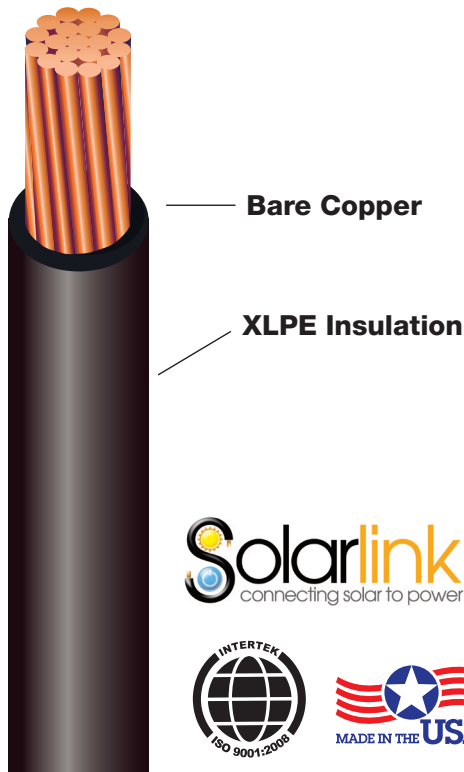
Cable Data

Part Number	AWG	Strand	Insulation Thickness (mils)	Nominal O.D. (inch)	Approximate Net Weight lbs/1M'	Copper Weight per lbs/1M'
3181PV	18	7	75	0.198	22.81	5.4
3161PV	16	7	75	0.208	26.8	7.97
3141PV	14	7	75	0.223	33.73	12.78
3121PV	12	7	75	0.242	43.84	20.2
3101PV	10	7	75	0.266	59.09	32.05
3081PV	8	7	85	0.316	88.12	51.05
3061PV	6	7	85	0.354	124.06	80.9
3041PV	4	7	85	0.402	179.76	128.9
3031PV	3	7	85	0.430	217.86	162.5
3021PV	2	7	85	0.462	265.39	204.9
3011PV	1	19	105	0.542	344.62	258
30101PV	1/0	19	105	0.583	420.75	326
30201PV	2/0	19	105	0.629	514.86	411
30301PV	3/0	19	105	0.680	631.97	518
30401PV	4/0	19	105	0.738	778.47	653

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



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”

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 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

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