

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.