

## Dual Pass 600V Rated PV

Cross-Linked Polyethylene Insulated • PVC Jacketed  
14 - 750 MCM • 600 Volts • 105°C Dry and 90°C Wet



- Bare Copper
- XLPE Insulation
- PVC Jacket



### Cable Identification

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

### Description

ADC's **Solarlink** brand Photovoltaic cable has a chemically cross-linked polyethylene insulation with a sunlight resistant PVC jacket.

### Applications

Appropriate for use in solar power applications that require 600 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:** White Chemically Cross-linked polyethylene with colored sunlight resistant PVC jacket.

**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 PV per UL Standard 4703  
RHW-2 per UL Standard 44 and USE-2 per UL Standard 854  
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)	Jacket Thickness (mils)	Nominal O.D. (inch)	Approximate Net Weight lbs/1M'
314DPV	14	7	45	30	.221	33
312DPV	12	7	45	30	.240	43
310DPV	10	7	45	30	.264	56
308DPV	8	7	60	30	.324	90
306DPV	6	7	60	30	.361	125
304DPV	4	7	60	30	.409	183
303DPV	3	7	60	30	.440	218
302DPV	2	7	60	30	.469	267
301DPV	1	19	80	30	.552	350
3010DPV	1/0	19	80	30	.582	417
3020DPV	2/0	19	80	30	.626	508
3030DPV	3/0	19	80	30	.676	621
3040DPV	4/0	19	80	30	.732	770
30250DPV	250 MCM	37	95	30	.808	920
30300DPV	300 MCM	37	95	30	.855	1089
30350DPV	350 MCM	37	95	30	.911	1244
30400DPV	400 MCM	37	95	30	.956	1414
30500DPV	500 MCM	37	95	30	1.039	1727
30600DPV	600 MCM	61	110	30	1.116	2046
30750DPV	750 MCM	61	110	30	1.218	2557

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. REV0821