Dual Pass 2kV Rated PV

Cross-Linked Polyethylene Insulated • PVC Jacketed
14 - 750 MCM • 2000 Volts • 105°C Dry and 90°C Wet

Cable Identification

"ADVANCED DIGITAL CABLE INC. XX AWG (UL) PV WIRE 2KV 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 applicatioins that require 2,000 volt rating. For use in grounded interconnection and un-grounded 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'
3142DPV	14	7	60	30	.251	39
3122DPV	12	7	60	30	.270	49
3102DPV	10	7	60	30	.294	65
3082DPV	8	7	70	30	.344	95
3062DPV	6	7	70	30	.381	130
3042DPV	4	7	70	30	.429	188
3032DPV	3	7	70	30	.457	228
3022DPV	2	7	70	30	.489	277
3012DPV	1	19	90	30	.569	358
30102DPV	1/0	19	90	30	.602	427
30202DPV	2/0	19	90	30	.646	519
30302DPV	3/0	19	90	30	.696	633
30402DPV	4/0	19	90	30	.752	784
302502DPV	250 MCM	37	105	30	.828	934
303002DPV	300 MCM	37	105	30	.875	1104
303502DPV	350 MCM	37	105	30	.931	1260
304002DPV	400 MCM	37	105	30	.976	1431
305002DPV	500 MCM	37	105	30	1.059	1745
306002DPV	600 MCM	61	120	30	1.166	2097
307502DPV	750 MCM	61	120	30	1.268	2612