



PV Photovoltaic Cable Copper 600V 90°C Wet/Dry

Part Number	Conductor Size	No. of Strands	Insulation Thickness		Overall Diameter		Net Weight lbs/kft	Ampacity** 90°C Wet/Dry
	AWG		inches	mm	inches	mm		amps
14-01XLPUSEPV	14	7	0.060	1.52	0.193	4.90	24	35
12-01XLPUSEPV	12	7	0.060	1.52	0.212	5.38	33	40
10-01XLPUSEPV	10	7	0.060	1.52	0.237	6.02	53	55
8-01XLPUSEPV	8	7	0.075	1.91	0.297	7.54	78	80
6-01XLPUSEPV	6	7	0.075	1.91	0.335	8.51	110	105
4-01XLPUSEPV	4	7	0.075	1.91	0.384	9.75	164	140
3-01XLPUSEPV	3	7	0.075	1.91	0.412	10.46	200	165
2-01XLPUSEPV	2	7	0.075	1.91	0.444	11.28	246	190
1-01XLPUSEPV	1	19	0.095	2.41	0.482	12.24	320	220
1/0-01XLPUSEPV	1/0	19	0.095	2.41	0.563	14.30	393	260
2/0-01XLPUSEPV	2/0	19	0.095	2.41	0.609	15.47	485	300
3/0-01XLPUSEPV	3/0	19	0.095	2.41	0.660	16.76	601	350
4/0-01XLPUSEPV	4/0	19	0.095	2.41	0.718	18.24	684	405

All values are nominal and subject to correction

*Ampacity for single cable in free air of 30°C per NEC table 310.15(B)(17)

- Application:** PV Photovoltaic Cables are suitable for use in solar power, type USE-2 and type RHW-2 applications, which require superior resistance to flame and extreme temperatures. PV Photovoltaic Cables are suitable for direct burial applications. PV Photovoltaic Cables are to be used up to 600 volts and up to 90°C temperatures in wet locations and up to 105°C in dry locations.
- Conductors:** Stranded soft drawn bare copper conductor, per ASTM B3 & B8.
- Insulation:** Cross-linked polyethylene (XLP) insulation, which is gas/oil and sunlight resistant. Standard colors are black, green, white and red. Other colors or stripes are available upon request.
- Standards:** UL listed as Photovoltaic Wire per Standard Subject 4703, 44 & 854
RoHS compliant
VW-1 flame test

1-800-945-5542

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