

PV Wire

Single Pass



Product Description: Single-conductor wire, insulated with cross-linked polyethylene, sunlight resistant, photovoltaic wire rated at 90°C wet or dry, 600V.

Construction: Single conductor cross-linked polyethylene Type Photovoltaic, flame retardant, moisture resistant, RoHS, sunlight resistant, temperature rating 90°C wet or dry, 40°C cold. Suitable for conduit and raceways installed underground in conduit.

P/N	AWG	STRAND	INS THICKNESS	NOM DIA.
0225PVSP	14	7/BC	.060	.194
0215PVSP	12	7/BC	.060	.215
02122PVSP	10	7/BC	.060	.237
02119PVSP	8	7/BC	.075	.305
02131PVSP	6	7/BC	.075	.342
02132PVSP	4	7/BC	.075	.385
02136PVSP	2	7/BC	.075	.454
02137PVSP	1	19/BC	.095	.515
02135PVSP	1/0	19/BC	.095	.563
02138PVSP	2/0	19/BC	.095	.608
02139PVSP	3/0	19/BC	.095	.658
02140PVSP	4/0	19/BC	.095	.714

These values are nominal in accordance with industry standards.
 Tinned copper or flexible stranding are available upon request.
 All AWG's available in colors with sunlight resistance approval.
 Standard Color: Black Voltage: 600V Temperature: -40° to 90°C

UL Standards
 Subject 4703
 USE, USE-2 600V per UL854
 RW-90 1000V Per UL44 CSA C 22.2 No 38
 RHH, RHW, RHW-2 Per UL44
 Duct services per UL854

Vertical flame and FT-1 per UL1581, Section 1060
 XENON-ARG test per UL1580, Section 1200
 Flexibility at low temperature per UL1581, Section 583

Electrical Testing
 Spark test at:
 10,000V RMS 14-10 AWG
 12,500V RMS 8 AWG
 Dielectric test potential:
 6,000V RMS 14-10 AWG
 7,500V RMS 8 AWG
 in accordance with UL44
 Continuity test per UL44

