

PV Wire

Single Pass 1KV/2KV



Product Description: Single-conductor wire, insulated with cross-linked polyethylene, sunlight resistant, photovoltaic wire rated at 90°C wet or dry, 1000V/2000V.

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.
0225PVSP2KV	14	7/BC	.075	.222
0215PVSP2KV	12	7/BC	.075	.241
02122PVSP2KV	10	7/BC	.075	.262
02119PVSP2KV	8	7/BC	.085	.316
02131PVSP2KV	6	7/BC	.085	.353
02132PVSP2KV	4	7/BC	.085	.402
02136PVSP2KV	2	7/BC	.085	.466
02137PVSP2KV	1	19/BC	.105	.543
02135PVSP2KV	1/0	19/BC	.105	.571
02138PVSP2KV	2/0	19/BC	.105	.630
02139PVSP2KV	3/0	19/BC	.105	.675
02140PVSP2KV	4/0	19/BC	.105	.718

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: 2000V Temperature: -40° to 90°C

UL Standards
 Subject 4703
 USE, USE-2 600V per UL854
 RHH, RHW, RHW-2 2000V Per UL44
 USE & USE-2 Rated for direct burial and underground duct services per UL854

Verticale 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

