

XLPE 2000V



Product Description: Single-conductor wire, insulated with XLPE, sunlight resistant, rated at 90°C wet or dry 2000V

Construction: Single conductor cross-linked polyethylene Type RHH, RHW & RHW-2, flame retardant, VW-1 moisture resistant, RoHS, sunlight resistant, temperature rating 90° wet or dry, -40°C cold. Suitable for use in conduit and raceways installed underground in conduit

P/N	AWG	STRAND	INS THICKNESS	NOM DIA.	APPROX WEIGHT
0225USE2KV	14	7/BC	.060	.190	22
0215USE2KV	12	7/BC	.060	.210	31
02122USE2KV	10	7/BC	.060	.235	48
02119USE2KV	8	7/BC	.070	.292	80
02131USE2KV	6	7/BC	.070	.329	105
02132USE2KV	4	7/BC	.070	.377	164
02136USE2KV	2	7/BC	.070	.432	246
02137USE2KV	1	19/BC	.090	.501	313
02135USE2KV	1/0	19/BC	.090	.540	386
02138USE2KV	2/0	19/BC	.090	.584	477
02139USE2KV	3/0	19/BC	.090	.634	590
02140USE2KV	4/0	19/BC	.090	.690	733

These values are nominal in accordance with industry standards.

Additional gauges, tinned copper, colors or flexible stranding are available upon request.

All colors available with sunlight resistance approval

Standard Color: Black

Voltage: 2000V

Temperature: -40° to 90°C

UL Standards

UL854

RW-90 1000V Per UL44 CSA C 22.2 No 38

RHH, RHW, RHW-2 PER UL44

Rated for direct burial and underground duct service uses per UL854

Vertical flame and FT-1 per UL1581, Section 1060

XENON-ARG test per 1580, Section 1200

Flexibility at low temperature per UL1581, Section 583

Electrical Testing

Spark test at:

10,00V 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 UL854

Continuity test per UL854

