

XLPE/USE-2



Product Description: Single-conductor wire, insulated with XLPE, sunlight resistant, rated at 90°C wet or dry, 600V USE-2, 1000V RW90.

Construction: Single conductor cross-linked polyethylene Type USE-2, 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.	APPROX WEIGHT
0225USE	14	7/BC	.045	.160	18
0215USE	12	7/BC	.045	.180	29
02122USE	10	7/BC	.045	.205	44
02119USE	8	7/BC	.060	.270	75
02131USE	6	7/BC	.060	.309	105
02132USE	4	7/BC	.060	.357	159
02136USE	2	7/BC	.060	.412	242
02137USE	1	19/BC	.080	.481	303
02135USE	1/0	19/BC	.080	.520	375
02138USE	2/0	19/BC	.080	.564	465
02139USE	3/0	19/BC	.080	.614	577
02140USE	4/0	19/BC	.080	.670	719

These values are nominal in accordance with industry standards.

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

All colors available with sunlight resistance approval.

Standard Color: Black

Voltage: 600/1000V

Temperature: -40° to 90°C

Print: (3090194) "AWG" Type XLPE RHH or RHW-2 or USE-2 600V or RW 90 1000V (ETL) US "Sunlight Resistant" FTMARKERS

UL Standards

USE, USE-2 600V per UL854

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

RHH, RHW, RHW-2 PER UL44

USE & USE-2 – Rated for direct burial and underground duct services 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:

10,000V RMS 14-10 AWG

12,500V RMS 8-2 AWG

Dielectric test potential:

6,000V RMS 14-10 AWG

7,500V RMS 8-2 AWG

in accordance with UL44

Continuity test per UL44