

USE-2/RHH/RHW GENERAL SPECIFICATIONS

Product Description: Single-conductor wire, sunlight resistant, rated at 90°C wet or dry, 600V, 1000V or 2000V

Standard Color - Black
Voltage 600/1000V
Temperature - 40°C to 90°C



UL Standard 44
Issue Number 16
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Construction:

Single conductor cross-linked polyethylene Type USE-2, flame retardant, VW-1 moisture resistant, RoHS, sunlight resistant, temperature rating 90°C wet or dry, -40°C cold.

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
TBD	2	7/BC	.060	.419	242

These values are nominal in accordance with industry standards. Additional gauges, tinned copper or flexible stranding are available upon request. Additional colors available with sunlight resistance approval.

UL Standards

USE, USE-2 600V per UL854
RW-90 1000V Per UL44
RHH, RHW, RHW-2 PER UL44

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

5/26/09-added AWG's 6-2, updated Electrical Testing

