

SINGLE CONDUCTOR



- ▶ **USE-2**
- ▶ **RHH or RHW-2**
- ▶ **600V**

PRODUCT CONSTRUCTION

Conductor: Single, stranded copper

Insulation: Moisture-, heat- and flame-resistant, chemically cross-linked polyethylene insulation. Temperature rating 90°C in wet and dry locations. Available in colors.

APPLICATIONS

For use in general purpose wiring applications. May be installed in conduit, raceway, aerial and direct burial installation where a cable with superior flame retardance is required. Also suitable for use in low leakage circuits requiring a dielectric constant of 3.5 or less (hospital grade).

COMPLIANCES

ASTM B3, B8, B787. Listed by UL as Type USE-2, RHH or RHW-2. Listed by UL as Gasoline and Oil Resistant II. UL Direct Burial. Cables are UL listed as Sunlight Resistant. For CT use/IEEE 1202/FT4 size 1/0 AWG and larger. C(UL) RPV90 600V. C(UL) US RW90 1kV:CSA/UL Listed. UL 44 and UL 854, ICEA S-95-658/NEMA WC70, Federal spec. A-A-59544. -40°C rated. Suitable for use in 105°C dry system. RoHS compliant.

USAWC Part #	Size (AWG or kcmil)	No. of Strands	Insulation Thickness (Mils)	Nom. Diam. (Inches)	Net Weight (lbs./1000 ft.)	Ampacity* 90°C Wet/Dry
USA14-01USE2	14	7	45	.163	22	35†
USA12-01USE2	12	7	45	.182	31	40†
USA10-01USE2	10	7	45	.206	45	55†
USA8-01USE2	8	7	60	.266	73	80
USA6-01USE2	6	7	60	.304	107	105
USA4-01USE2	4	7	60	.352	160	140
USA3-01USE2	3	7	60	.380	197	165
USA2-01USE2	2	7	60	.412	243	190
USA1-01USE2	1	19	80	.481	316	220
USA1/0-01USE2	1/0	19	80	.520	390	260
USA2/0-01USE2	2/0	19	80	.564	481	300
USA3/0-01USE2	3/0	19	80	.614	596	350
USA4/0-01USE2	4/0	19	80	.670	739	405
USA250-01USE2	250	37	95	.765	885	455
USA300-01USE2	300	37	95	.819	1049	500
USA350-01USE2	350	37	95	.871	1212	570
USA400-01USE2	400	37	95	.918	1374	615
USA500-01USE2	500	37	95	1.003	1697	700
USA600-01USE2	600	61	110	1.113	2049	780
USA750-01USE2	750	61	110	1.218	2532	885

*Per NEC Table 310-17.

†Overcurrent protection shall not exceed 15 amps for 14AWG, 20 amps for 12AWG and 30 amps for 10AWG per NEC 310-17 footnote.

NOTE: Data shown is approximate and subject to standard industry tolerances.