



Copper RHH/RHW-2/USE-2 600V 90°C XLPE Insulation

Part Number	Size (AWG/kcmil)	No. of Strands	Insulation Thickness (mils)	Overall Diameter (inches)	Weight lbs./kft	Ampacity** (amps)
14-01XLP-USE	14*	7	45	0.163	21	25
12-01XLP-USE	12	7	45	0.182	30	30
10-01XLP-USE	10	7	45	0.205	43	40
8-01XLP-USE	8	7	60	0.263	69	55
6-01XLP-USE	6	7	60	0.301	103	75
4-01XLP-USE	4	7	60	0.350	156	95
2-01XLP-USE	2	7	60	0.404	238	130
1-01XLP-USE	1	19	80	0.476	307	145
1/0-01XLP-USE	1/0	19	80	0.517	384	170
2/0-01XLP-USE	2/0	19	80	0.562	476	195
3/0-01XLP-USE	3/0	19	80	0.610	590	225
4/0-01XLP-USE	4/0	19	80	0.669	735	260
250-01XLP-USE	250	37	95	0.762	868	290
350-01XLP-USE	350	37	95	0.866	1192	350
500-01XLP-USE	500	37	95	0.986	1673	430
750-01XLP-USE	750	61	110	1.205	2493	520
1000-01XLP-USE	1000	61	110	1.370	3292	615

All values are nominal and subject to correction.

**90°C Wet/Dry per NEC Table 3.10.15 (B)(16) for not more than three current carrying conductors in raceway based on 30°C ambient temperature.

♦The overcurrent protection shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC 310-17 footnote.

Application: USE-2 cables are primarily used for power distribution and may be installed in raceway, conduit, direct burial, and aerial installations. The cables may be used in wet or dry locations, with ambient temperatures not exceeding 90°C. Voltage rating for USE-2 cable is 600V. Sizes 1/0 and larger rated for use in cable tray.

Conductors: Soft drawn bare copper with Class B stranding per ASTM.

Insulation: Abrasion, heat, moisture, and flame resistant cross-linked polyethylene (XLPE) insulation.

Standards: UL 44, UL 854
 Federal Specification A-A-59544
 ICEA S-95-658/NEMA WC-70
 ASTM standards B3, B8, B787
 Rated 90°C Wet/Dry, Cold Temperature Rated at -40°C
 Flame Rated: CT Use (1/0 AWG and larger)
 Sunlight Resistant, Gasoline and Oil Resistant II
 RoHS Compliant

1-800-945-5542

© Priority Wire & Cable, Little Rock, AR PWC-2020