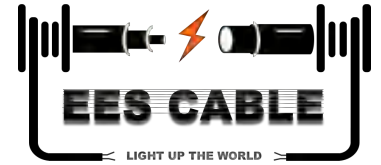


Aluminum RHH/RHW-2/USE-2 600V 90°C XLPE insulation XLP USE RHH-RHW-2



Aluminum RHH/RHW-2/USE-2 600V 90°C XLPE insulation

All values are nominal and subject to correction

PWC Part Number	Size AWG /KC M	Stranding	Conductor Diameter (inches)	Insulation Thickness (inches)	Overall Diameter (inches)	Weight lbs/1000'	Ampacity at 90C *
8-01XL-USE-2-ALUM	8	7	0.134	0.060	0.257	36	45
6-01XL-USE-2-ALUM	6	7	0.169	0.060	0.292	49	55
4-01XL-USE-2-ALUM	4	7	0.213	0.060	0.336	65	75
3-01XL-USE-2-ALUM	3	7	0.240	0.060	0.368	78	85
2-01XL-USE-2-ALUM	2	7	0.268	0.060	0.391	94	100
1-01XL-USE-2-ALUM	1	18	0.299	0.080	0.462	126	115
1/0-01XL-USE-2-ALUM	1/0	18	0.335	0.080	0.499	151	135
2/0-01XL-USE-2-ALUM	2/0	18	0.378	0.080	0.539	182	150
3/0-01XL-USE-2-ALUM	3/0	18	0.423	0.080	0.586	221	175
4/0-01XL-USE-2-ALUM	4/0	18	0.476	0.080	0.638	269	205
250-01XL-USE-2-ALUM	250	35	0.520	0.095	0.713	326	230
300-01XL-USE-2-ALUM	300	35	0.571	0.095	0.763	381	260
350-01XL-USE-2-ALUM	350	35	0.614	0.095	0.809	435	280
400-01XL-USE-2-ALUM	400	35	0.657	0.095	0.852	489	305
500-01XL-USE-2-ALUM	500	35	0.736	0.095	0.929	595	350
750-01XL-USE-2-ALUM	750	58	0.909	0.110	1.131	881	435
1000-01XL-USE-2-ALUM	1000	58	1.059	0.110	1.283	1145	500

Application: USE-2 cables are primarily used for power distribution, in raceways in accordance with National Electrical Code, except that the cable is not rated for use in cable tray. USE-2 is approved for direct burial and for service entrance below ground. USE-2 cables may be used in wet or dry locations, with conductor temperatures not exceeding 90 C. Voltage rating for USE-2 cable is 600V.

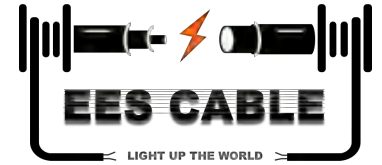
Conductors: Compact soft drawn bare 8000 series aluminum, with Class B stranding per ASTM

Insulation: Abrasion, heat and moisture resistant cross-linked polyethylene insulation XLPE

Standards: meets or exceeds the following standards:
 UL 44
 NEMA WC-70
 Requirements of the National Electrical Code
 ASTM B800, B801
 Sunlight resistant
RUS ACCEPTED

ASTM STANDARD

XLP USE RHH-RHW-2



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

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