



RWU90(-40°C) XLPE 1KV 90°C CU

SIZE	INSULATION THICKNESS		APPROXIMATE DIAMETER		APPROXIMATE NET CABLE WEIGHT COPPER CONDUCTOR		AMPACITY (30°C AMBIENT) (amps)	
	AWG	mm	in	mm	in	Kg/km	Lbs/kft	Free air
14 solid	1.52	.060	4.7	0.19	33	22	20	15
12 solid	1.52	.060	5.2	0.20	46	31	25	20
10 solid	1.52	.060	5.7	0.22	66	44	40	30
14 (7)	1.52	.060	4.9	0.19	34	23	20	15
12 (7)	1.52	.060	5.4	0.21	48	32	25	20
10 (7)	1.52	.060	6.0	0.24	69	46	40	30
8 (7)	2.03	.080	7.8	0.31	112	76	70	40
6 (7)	2.03	.080	8.8	0.35	164	110	100	55
4 (7)	2.03	.080	10.0	0.39	243	164	135	70
3 (7)	2.03	.080	10.6	0.42	299	201	155	80
2 (7)	2.03	.080	11.4	0.45	367	248	180	100
1 (19)	2.41	.095	13.2	0.52	466	313	210	110
1/0 (19)	2.41	.095	14.2	0.56	575	386	245	125
2/0 (19)	2.41	.095	15.3	0.60	711	478	285	145
3/0 (19)	2.41	.095	16.6	0.65	881	592	330	165
4/0 (19)	2.41	.095	18.0	0.71	1095	736	385	195
250 (37)	2.79	.110	20.1	0.79	1302	875	425	215
300 (37)	2.79	.110	21.4	0.84	1544	1038	480	240
350 (37)	2.79	.110	22.7	0.89	1787	1201	530	260
400 (37)	2.79	.110	23.9	0.94	2027	1362	575	280
500 (37)	2.79	.110	26.0	1.02	2507	1685	660	320
600 (61)	3.17	.125	28.7	1.13	3012	2024	740	355

CONDUCTORS: Stranded conductors uncoated copper per ASTM B787 and ASTM B8

CONDUCTORS INSULATION: cross-linked polyethylene (XLPE) insulation per CSA Spec C22.2 No. 38-05. CSA File No. 249025

TEMPERATURE: min. -40°C max +90°C

SPECIFICATIONS: sunlight resistant all sizes and colors. Lead-free /ROHS compliant R.E.A.C.H

APPLICATION NOTES

Approved for direct burial per CEC rule 12-012

For service entrance below ground

Refer to CEC, Table 19 for conditions of use

RWU90 copper conductors are suitable for use in conduit and raceways installed underground in conduit, in wet locations, and where condensation and moisture accumulations within the conduit do not exceed 90°. conductor temperatures shall not exceed 90°C in wet or dry locations. Voltage rating for RWU90 conductors are 1000 volts. Insulation rated for use to -40°C.

