



### RWU90 (-40c) XLPE

#### 1KV 90c CU

SIZE (AWG)	INSULATION THICKNESS IN <u>MM - INCHES</u>	APPROXIMATE DIAMETER IN INCHES	APPROXIMATE WEIGHT PER 1000' IN <u>Kg - Lbs</u>	AMPACITY (30C AMBIENT) (AMPS)	
				FREE AIR	CONDUIT
14 SOLID	1.52 - .060	0.19	9.98 - 22	20	15
12 SOLID	1.52 - .060	0.20	14.06 - 31	25	20
10 SOLID	1.52 - .060	0.22	19.96 - 44	40	30
14 (7)	1.52 - .060	0.19	10.43 - 23	20	15
12 (7)	1.52 - .060	0.217	14.51 - 32	25	20
10 (7)	1.52 - .060	0.236	20.50 - 45.2	40	30
8 (7)	2.03 - .080	0.31	34.47 - 76	70	40
6 (7)	2.03 - .080	0.35	49.90 - 110	100	55
4 (7)	2.03 - .080	0.39	74.38 - 164	135	70
3 (7)	2.03 - .080	0.42	91.17 - 201	155	80
2 (7)	2.03 - .080	0.445	112.49 - 248	180	95
1 (19)	2.41 - .095	0.52	141.97 - 313	210	110
1/0 (19)	2.41 - .095	0.56	175.08 - 386	245	125
2/0 (19)	2.41 - .095	0.60	216.81 - 478	285	145
3/0 (19)	2.41 - .095	0.65	268.52 - 592	330	165
4/0 (19)	2.41 - .095	0.71	326.58 - 720	385	195
250 (37)	2.79 - .110	0.79	396.89 - 875	425	215
300 (37)	2.79 - .110	0.84	470.83 - 1038	480	240
350 (37)	2.79 - .110	0.89	544.76 - 1201	530	260
400 (37)	2.79 - .110	0.94	617.80 - 1362	575	280
500 (37)	2.79 - .110	1.02	765 - 1685	660	320
600 (61)	3.17 - 1.25	1.13	918.10 - 2024	740	355

**CONDUCTORS:**

Stranded conductors uncoated per ASTM B787 and ASTM B8

**CONDUCTORS INSULATION:**

cross-linked polyethylene (XLPE) insulation per CSA Soec C22.2  
No. 38.05. CSA file No. 249025

**TEMPERATURE:**

min. -40c max +90c

**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 cable

Refer to CEC, Table 19 for condition 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 90c. Conductor temperatures shall not exceed 90c in wet or dry locations. Voltage rating for RWU90 conductors are 1000 volts. Insulation rated for use to -40c.

