

RWU90 XLPE, Low-Voltage Power, 1000 V

CSA Type RWU90, Single Conductor, High Speed, Copper

Product Construction:

Conductor:

- 14 AWG thru 750 kcmil annealed Class B compressed stranded soft drawn plain copper

Insulation:

- Heat- and moisture-resistant, low temperature Cross-linked Polyethylene (XLPE), Type RWU90 (-40°C)
- Color code: 14 AWG - black, 12 AWG thru 10 AWG - black, white, red, blue, green; 8 AWG thru 2 AWG - black, green, black with white stripe, black with red stripe, black with blue stripe; 1 AWG and larger - black (other colors available subject to minimum order quantity)

Print:

- GENERAL CABLE® (PLANT OF MFG) 1C SIZE (AWG OR KCMIL)(MM2) HIGH SPEED CU XLPE 1000 V RWU90 CSA (-40°C) YEAR OF MFG SEQUENTIAL METER MARKINGS
NOTE: For black insulation, add SR



Options:

- PVC jacket (FT1 rating)

Applications:

- In accordance with Canadian Electrical Code (CEC), Part 1
- For wiring exposed to the weather (black or black with colored stripes)
- For use in raceways (except cable trays) in dry, damp or wet locations in accordance with Canadian Electrical Code (CEC)
- Approved for direct burial per CEC Rule 12-012
- For service entrance below ground
- Refer to CEC Table 19 for conditions of use

Features:

- Rated 90°C wet and dry
- Meets cold bend and cold impact tests at -40°C
- High Speed (HS) cable features a specially designed XLPE insulation that allows for fast and easy cable pulls

Compliances:

Industry Compliances:

- CSA Standard C22.2 No. 38
- CSA Approval File Number 156400

Packaging:

- Available in various standard lengths

COND. SIZE (AWG or kcmil)	COND. STRAND**	NOMINAL CONDUCTOR O.D.		MIN. AVERAGE INS. THICKNESS		NOMINAL CABLE DIAMETER		COPPER WEIGHT		NET WEIGHT		AMPACITY*** 30°C AMBIENT
		INCHES	mm	INCHES	mm	INCHES	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km	
14 AWG - 1000 kcmil CONDUCTORS												
14	7/.0240	0.071	1.80	0.060	1.52	0.197	5.00	12	18	24	35	25
12	7/.0302	0.089	2.26	0.060	1.52	0.215	5.46	20	29	32	48	30
10	7/.0381	0.113	2.87	0.060	1.52	0.239	6.07	32	47	47	69	40
8	7/.0481	0.142	3.61	0.080	2.03	0.308	7.82	50	75	75	111	55
6	7/.0606	0.178	4.52	0.080	2.03	0.344	8.74	78	117	107	159	75
4	7/.0772	0.225	5.72	0.080	2.03	0.391	9.93	129	192	163	243	95
3	7/.0867	0.252	6.40	0.080	2.03	0.418	10.62	163	243	200	298	115
2	7/.0974	0.283	7.19	0.080	2.03	0.449	11.40	200	298	239	355	130
1	19/.0664	0.322	8.18	0.095	2.41	0.518	13.16	258	384	313	465	145
1/0	19/.0745	0.360	9.14	0.095	2.41	0.56	14.22	326	485	386	574	170
2/0	19/.0837	0.410	10.41	0.095	2.41	0.605	15.37	411	612	477	710	195
3/0	19/.0940	0.460	11.68	0.095	2.41	0.655	16.64	518	771	592	880	225
4/0	19/.1055	0.510	12.95	0.095	2.41	0.711	18.06	653	972	735	1093	260
250	37/.0822	0.560	14.22	0.110	2.79	0.791	20.09	772	1149	873	1299	290
300	37/.0900	0.610	15.49	0.110	2.79	0.830	21.08	926	1379	1043	1552	320
350	37/.0972	0.660	16.76	0.110	2.79	0.894	22.71	1081	1609	1198	1783	350
400	37/.1040	0.710	18.03	0.110	2.79	0.930	23.62	1235	1838	1370	2039	380
500	37/.1162	0.790	20.07	0.110	2.79	1.022	25.96	1544	2298	1681	2502	430
600	61/.0992	0.870	22.10	0.110	2.79	1.133	28.78	1883	2802	2052	3053	425
750	61/.1109	0.970	24.64	0.125	3.18	1.235	31.37	2316	3447	2502	3723	535
1000	61/.1280	1.120	28.45	0.125	3.18	1.370	34.80	3088	4596	3328	4953	615

Dimensions and weights are nominal; subject to manufacturing and industry tolerances.

* Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

** For compact-stranded constructions, the number of wires may be reduced as follows:

19-wire constructions - 18 wires minimum

37-wire constructions - 35 wires minimum

61-wire constructions - 58 wires minimum

*** Based on CEC Part 1, Table 2 for three conductors in raceway (conduit). For underground installations, refer to CEC Rule 4-004 for ampacity rating.

**** For 3 wires, 120/240 V and 120/208 V residential services or subservices, the allowable ampacity for 2/0 AWG shall be 200A. In this case, the 5% adjustment of Rule 8-106(1) cannot be applied.