

RWU90 Single Conductor 90C, 1000V "Colourable SR"

Applications : For exposed wiring and use in raceways (except cable trays and ventilated flexible cableways) in dry and wet locations. For exposed wiring where subjected to the weather, marked sunlight resistant "SR" in all colours. For direct earth burial with protection as required by inspection authority. For service entrance below ground. For concealed wiring used as non-heating leads on heating panels and panel sets. Suitable for direct burial, according to C22.1 Canadian Electrical Code Part I.

Conductors : 14 AWG to 2 AWG bare copper.

Insulation : Cross-linked Polyethylene (XLPE).

Voltage Rating : 1000V

Flame Rating : CSA C22.2 No. 2556 Burning particles

Temperature Rating : -40°C* to 90°C

Standards : CSA C22.2 No. 38

Gauge AWG	Strand Count	Nominal Insulation Thickness		Nominal Diameter		Nominal Cable Weight		Ampacity 30°C Ambient	
		mm	in.	mm	in.	kgs/km	lbs/mft	Free Air	Conduit **
14	7	1.52	0.060	4.90	0.193	34	23	35	25
12	7	1.52	0.060	5.41	0.213	48	32	40	30
10	7	1.52	0.060	6.02	0.237	69	46	55	40
8	7	2.03	0.080	7.90	0.311	112	75	80	55
6	7	2.03	0.080	8.84	0.348	164	110	105	75
4	7	2.03	0.080	10.06	0.396	244	164	140	95
3	7	2.03	0.080	10.82	0.426	323	217	165	115
2	7	2.03	0.080	11.63	0.458	369	248	190	130

* The -40°C low temperature rating indicates that the cables have passed a cold bend test under carefully controlled laboratory conditions. These conditions may or may not reflect actual field conditions. It is therefore recommended that all cables be warmed to at least -10°C before installation.

** For not more than 3 conductors in cable or raceway. For more than 3 conductors the maximum current rating is subject to the derating factors in CEC Part I, Table 5C.

Notes: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.