

**Triple Marked RWU90 SUN RES, RW90 SUN RES, and RPVU90 SUN RES**

**RWU90 1000V, RW90 2000V, RPVU90 2000V Single Conductor 90C, "All Colours SUN RES"**

*Applications :*

**RWU90:** 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 "SUN RES" 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.

**RW90:** 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 "SUN RES" in all colours. Approved for use in ceiling fixtures in accordance with C22.1 Canadian Electrical Code, Part I.

**RPVU90:** Solar photovoltaic cable for use in interconnection wiring of grounded and ungrounded photovoltaic power systems, suitable for ac and dc systems, in dry and wet locations. For exposed wiring where subjected to the weather, marked sunlight resistant "SUN RES". For use in raceways, except that use in cable trays is permitted only for the interconnection of solar photovoltaic systems in wet, damp, or dry locations. Suitable for direct burial in accordance with C22.1 Canadian Electrical Code, Part I.

*Conductors :* 14 AWG to 2 AWG bare copper.

*Insulation :* Cross-linked Polyethylene (XLPE).

*Voltage Rating :* RWU90 1000V, RW90 1000V AND 2000V, RPVU90 1000V AND 2000V

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

*Temperature Rating :* -40°C\* to 90°C

*Standards :* CSA C22.2 No. 38, C22.2 No. 271

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	7.77	0.306	111	75	80	55
6	7	2.03	0.080	8.71	0.343	162	109	105	75
4	7	2.03	0.080	9.91	0.390	241	162	140	95
3	7	2.03	0.080	10.62	0.418	296	199	165	115
2	7	2.03	0.080	11.40	0.449	364	245	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.