

RWU90 Cable 1 kV

- Stranded copper conductor - 1000 volts
- XLPE insulation
- SUNLIGHT RESISTANT - ALL SIZES



Overview

RWU90 is a single-conductor building wire designed for reliable power distribution in wet or dry locations. Its annealed copper conductor and cross-linked polyethylene (XLPE) insulation provide heat, moisture, weather and low-temperature resistance for demanding installations.

Key Features

- Conductor: Class B compressed stranded annealed copper.
- Insulation: Heat- and moisture-resistant XLPE.
- Voltage rating: 1000 V.
- Temperature rating: °40-C to °90C.
- Sunlight resistant: all cable sizes.
- Colours: Standard colours available; custom insulation colours available upon request.

Applications

- Service entrance above or below ground.
- Direct earth burial where permitted and protected as required by the inspecting authority.
- Exposed wiring in wet or dry locations and where exposed to weather.

Performance Standard

- CSA C22.2 No. 38

Cable Size (AWG)	Number of Strands	Insulation Thickness		Approximate Diameter		Approximate Net Weight	
		mm	in.	mm	in.	kg/km	lb/1000 ft
8	7	2.03	0.080	7.9	0.311	115	77.5
6	7	2.03	0.080	8.8	0.346	164.5	110.5
4	7	2.03	0.080	10.1	0.398	244	164
3	7	2.03	0.080	10.6	0.417	300	202
2	7	2.03	0.080	11.4	0.449	368	247

Note: Values are nominal and subject to normal manufacturing tolerances.

Approximate diameter and weight are benchmark averages from the referenced industry data sheets.

Specifications are subject to change without prior notice. Refer to the current Canadian Electrical Code for ampacity.