

RWU90/RWU75 Copper

XLPE Insulated, 1000 V



A Viakable Company

Features

CSA Listed as Type RWU90 and RWU75.

Application

These cables are used in general purpose wiring in circuits not exceeding 1000 volts.

May be used in wet or dry locations, installed in raceway, duct and aerial installations.

For exposed wiring in wet locations, or exposed to weather.

For use in raceways, except cable trays, in wet locations.

For use in ventilated and non-ventilated cable trays in vaults and switch rooms.

Direct Burial per Canadian Electrical Code (CEC).

Standards

CSA C22.2 No. 38

Thermoset-Insulated Wire and Cable.

Specifications

Maximum operating voltage:

- 1000 volts

Maximum conductor operation temperatures:

- RWU90: 90 °C wet and dry
- RWU75: 75 °C wet and dry

Engineering Information

1. Conductor: Soft annealed uncoated copper compressed Class B stranding, or unilay-compressed per ASTM B8, solid wire per ASTM B3.

Sizes:

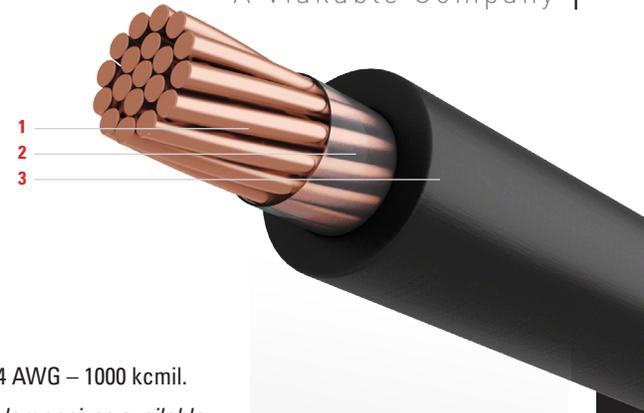
Stranded: 14 AWG – 1000 kcmil.

On request, larger sizes available.

2. Separator: A suitable opaque tape, as required.

3. Insulation: Black Thermoset flame retardant cross-linked polyethylene (XLPE).

On request, color coded insulation.



Technical Data

RWU90/RWU75 1000 V

Size AWG or kcmil	Number of Strands	Insulation Thickness	Approximate Outside Diameter	Approximate Net Weight
		mil	in	lb/kft
6	7	80	0.35	111
4	7	80	0.39	164
2	7	80	0.45	248
1	19	95	0.53	317
1/0	19	95	0.57	391
2/0	19	95	0.61	483
3/0	19	95	0.66	598
4/0	19	95	0.72	742
250	37	110	0.79	879
300	37	110	0.85	1042
350	37	110	0.90	1206
400	37	110	0.94	1368
500	37	110	1.03	1691
600	61	125	1.13	2029
750	61	125	1.24	2511
1000	61	125	1.38	3310

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.

Ampacities: Refer to beginning of section.

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