

# RWU90/RWU75 Aluminum

XLPE Insulated, 1000 V



A Viakable Company

## Features

Listed as RWU90/RWU75 per CSA.  
Insulation is rated per CSA as Sunlight Resistant, Black color only.

## 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.

## Standards

CSA C22.2 No. 38

Thermoset-Insulated Wire and Cable.

## Specifications

Maximum operating voltage:

- 1000 V

Maximum conductor operation temperatures:

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

## Engineering Information

- 1. Conductor:** Aluminum AA-8000

alloy compacted conductor, Class B stranding, per ASTM B801.

**Sizes:** 6 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	0.34	53
4	7	80	0.38	73
2	7	80	0.44	103
1	19	95	0.50	132
1/0	19	95	0.54	157
2/0	19	95	0.58	189
3/0	19	95	0.63	227
4/0	19	95	0.68	276
250	37	110	0.76	333
300	37	110	0.81	388
350	37	110	0.85	442
400	37	110	0.90	496
500	61	110	0.97	602
600	61	125	1.08	729
750	61	125	1.18	889
1000	61	125	1.33	1152

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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