

RWU90 (-40°C) XLPE 1000 Volts 90°C Aluminum CSA



Single aluminum conductor with extra thickness of low temperature moisture resisting cross-linked polyethylene (XLPE) insulation. Rated 1000 volts.

Compliances:

Industry compliances: CSA Standard C22.2 No.38 RoHS

Ready Wire Catalogue Number	Conductor AWG Size	Conductor Strand	Insulation (inches)	Ampacity (30°C Ambient) Free Air 90°C	Ampacity (30°C Ambient) Free Air 75°C	Nominal O.D. (inches)	Total Weight (lbs/km)
RWUA06ST	6	7	0.08	55	50	0.344	177
RWUA04ST	4	7	0.08	75	65	0.378	243
RWUA02ST	2	7	0.08	100	90	0.433	341
RWUA01ST	1	19	0.095	115	100	0.494	436
RWUA001ST	1/0	19	0.095	135	120	0.531	525
RWUA002ST	2/0	19	0.095	150	135	0.571	630
RWUA003ST	3/0	19	0.095	175	155	0.618	761
RWUA004ST	4/0	19	0.095	205	180	0.67	922
RWUA250ST	250	18	0.11	230	205	0.75	1,108
RWUA300ST	300	22	0.11	260	230	0.8	1,289
RWUA350ST	350	26	0.11	280	250	0.846	1,473

RWU90 (-40°C) XLPE 1000 Volts 90°C Aluminum CSA

Ready Wire Catalogue Number	Conductor AWG Size	Conductor Strand	Insulation (inches)	Ampacity (30°C Ambient) Free Air 90°C	Ampacity (30°C Ambient) Free Air 75°C	Nominal O.D. (inches)	Total Weight (lbs/km)
RWUA400ST	400	29	0.11	305	270	0.889	1,650
RWUA500ST	500	34	0.11	350	305	0.966	2,001
RWUA600ST	600	41	0.125	385	340	1.073	2,411
RWUA750ST	750	53	0.125	435	385	1.168	2,933
RWUA1000ST	1000	61	0.125	500	445	1.38	3,793

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

*Ampacities based on CEC Part 1, Table 4 for not more than three conductors in raceway. For underground installations, refer to CEC, Rule 4-004 for Ampacity rating.

Features:

- Rated at 90° C wet or dry
- Direct burial
- Meets cold bend and impact tests at (-40° C)

Applications:

- For direct earth burial (with protection as required by inspection authority)
- For use in raceways, except cable trays, in dry, damp or wet locations.
- For service entrance below ground