



Copper RWU90 1000V -40°C XLPE insulation

PWC Part Number	Size AWG	Stranding	Conductor Diameter (inches)	Insulation Thickness (inches)	Overall Diameter (inches)	Weight LBS/KM	Ampacity at 30C *
CU-RWU90-14	14	7	0.073	0.060	0.193	79	15
CU-RWU90-12	12	7	0.092	0.060	0.212	109	20
CU-RWU90-10	10	7	0.116	0.060	0.236	155	30
CU-RWU90-8	8	7	0.146	0.080	0.306	253	55
CU-RWU90-6	6	7	0.184	0.080	0.344	368	75
CU-RWU90-4	4	7	0.232	0.080	0.392	545	95
CU-RWU90-3	3	7	0.260	0.080	0.420	667	110
CU-RWU90-2	2	7	0.292	0.080	0.452	821	130
CU-RWU90-1	1	18	0.332	0.095	0.522	1050	150
CU-RWU90-1/0	1/0	18	0.373	0.095	0.563	1296	170
CU-RWU90-2/0	2/0	18	0.419	0.095	0.609	1602	195
CU-RWU90-3/0	3/0	18	0.470	0.095	0.660	1982	225
CU-RWU90-4/0	4/0	18	0.528	0.095	0.718	2297	260
CU-RWU90-250	250	35	0.575	0.110	0.795	2937	290
CU-RWU90-300	300	37	0.630	0.110	0.850	3465	320
CU-RWU90-350	350	35	0.681	0.110	0.901	4029	350
CU-RWU90-400	400	37	0.726	0.110	0.948	4561	380
CU-RWU90-500	500	35	0.813	0.110	1.033	5650	430

All values are nominal and subject to correction

* 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.

Application: RWU90 cables are primarily used for power distribution, in raceways in accordance with Canadian Electrical Code, except that the cable is not rated for use in cable tray. RWU90 is approved for direct burial and for service entrance below ground. RWU90 cables may be used in wet or dry locations, with ambient temperatures not exceeding 90°C. Voltage rating for RWU90 cable is 1000V.

Conductors: RWU90 conductor is a compact soft drawn bare copper, with Class B stranding per ASTM

Insulation: RWU90 has abrasion, heat and moisture resistant -40°C cross-linked polyethylene insulation XLPE

Standards: RWU90 meets or exceeds the following standards
 Requirements of the Canadian Electrical Code
 RWU90 – 1000V
 RHW-2 - 2000V
 Gasoline & Oil Resistant II
 ASTM standards B 800, B 801
 C(UL) approved
 Sunlight resistant
 Direct burial

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