



Copper RW90 600V -40°C XLPE insulation

Part Number	Conductor Size	No. of Strands	Insulation Thickness		Overall Diameter		Net Weight	Ampacity* at 90°C
	AWG/kcmil		inches	mm	inches	mm	lbs/km	amps
CU-RW90-14	14	7	0.030	0.76	0.133	3.38	60	15
CU-RW90-12	12	7	0.030	0.76	0.158	4.01	89	20
CU-RW90-10	10	7	0.030	0.76	0.180	4.57	132	30
CU-RW90-8	8	7	0.045	1.14	0.240	6.10	217	55
CU-RW90-6	6	7	0.045	1.14	0.280	7.11	312	75
CU-RW90-4	4	7	0.045	1.14	0.328	8.33	476	95
CU-RW90-3	3	7	0.045	1.14	0.355	9.02	607	110
CU-RW90-2	2	7	0.045	1.14	0.380	9.65	739	130
CU-RW90-1	1	7	0.055	1.40	0.434	11.02	952	145
CU-RW90-1/0	1/0	19	0.055	1.40	0.473	12.01	1185	170
CU-RW90-2/0	2/0	19	0.055	1.40	0.517	13.13	1477	195
CU-RW90-3/0	3/0	19	0.055	1.40	0.567	14.40	1841	225
CU-RW90-4/0	4/0	19	0.055	1.40	0.623	15.82	2356	260
CU-RW90-250	250	37	0.065	1.65	0.705	17.91	2779	290
CU-RW90-300	300	37	0.065	1.65	0.760	19.30	3301	320
CU-RW90-350	350	37	0.065	1.65	0.811	20.60	3836	350
CU-RW90-400	400	37	0.065	1.65	0.858	21.79	4361	380
CU-RW90-500	500	37	0.065	1.65	0.943	23.95	5401	430

All values are nominal and subject to correction

* Ampacities for not more than three conductors in raceway, based on ambient temperature of 30°C per Table 2 of the 2018 Canadian Electrical Code

Application: RW90 cables are primarily used for power distribution. They may be used in wet or dry locations, with conductor temperatures not exceeding 90°C. Voltage rating for RW90 cable is 600V.

Conductors: Stranded soft drawn bare copper, with Class B stranding per ASTM.

Insulation: Abrasion, heat and moisture resistant -40°C cross-linked polyethylene insulation (XLPE).

Standards: RW90 meets or exceeds the following standards
 CSA C22.2 No. 38/UL 44, cUL listed
 Requirements of the Canadian Electrical Code
 ASTM B3, B8, B496
 Sunlight resistant

1-877-611-5122