

RW90 600V INSULATED WIRE COPPER

Description Single copper conductor with low temperature moisture resisting Exelene* cross-linked polyethylene insulation. CSA Spec C22.2 No. 38-95

Temperature -40°C to +90°C

Jackets Standard colours are available.

Standard Black #6 and larger is sunlight resistant and marked "Outdoor"; coloured insulation is NOT.

Application For open wiring and raceways (except cable troughs and ventilated flexible cableway) in dry or wet locations. For exposed wiring where exposed to weather with sunlight resistant insulation. Approved for use with ceiling fixtures.



Product Code	Size	Cond. Strand	Insulation Thickness		Approximate Diameter		Approx Weight Copper Cond		Ampacity (30C Ambient) Copper (amps) Free Air	Ampacity (30C Ambient) Copper (amps) Conduit #
			mm	inches	mm	inches	kg/km	lbs/mft		
260000	14	Solid	0.76	.030	3.2	0.13	24	16	20	15
260100	12	Solid	0.76	.030	3.6	0.14	35	24	25	20
260200	10	Solid	0.76	.030	4.2	0.17	54	36	40	30
260500	14	7	0.76	.030	3.4	0.13	25	17	20	15
260600	12	7	0.76	.030	3.9	0.15	37	25	25	20
260700	10	7	0.76	.030	4.4	0.18	57	38	40	30
260800	8	7	1.14	.045	6.0	0.24	92	62	70	45
260900	6	7	1.14	.045	7.0	0.28	141	95	100	65
261000	4	7	1.14	.045	8.2	0.32	217	146	135	85
261100	3	7	1.14	.045	8.9	0.35	269	181	155	105
261200	2	7	1.14	.045	9.7	0.38	336	226	180	120
261300	1	19	1.40	.055	11.2	0.44	424	285	210	140
261400	1/0	19	1.40	.055	12.2	0.48	528	355	245	155
261500	2/0	19	1.40	.055	13.3	0.52	659	443	285	185**
261600	3/0	19	1.40	.055	14.6	0.57	823	553	330	210
261700	4/0	19	1.40	.055	16.0	0.63	1028	691	385	235
261800	250	37	1.65	.065	17.7	0.70	1220	820	425	265
261900	300	37	1.65	.065	19.1	0.75	1454	977	480	295
262000	350	37	1.65	.065	20.3	0.80	1691	1136	530	325
262100	400	37	1.65	.065	21.5	0.85	1924	1293	575	345
262200	500	37	1.65	.065	23.6	0.93	2387	1604	660	395
262300	600	61	2.03	.080	26.4	1.04	2883	1937	740	455
262400	750	61	2.03	.080	29.0	1.14	3582	2407	845	500
262500	1000	61	2.03	.080	32.8	1.30	4438	3184	1000	585

Non-jacketed RW-90 (XLPE) cables are not suitable for installation in vaults and switch rooms under the conditions of C.E. Code Part 1 Rule 12-2204. Suitable flame retardant jacketed cables are available on request.

**For 3-wire 120/240 and 120/208V residential services or sub-services, the allowable ampacity for sizes #6, #2 and #4/0 AWG aluminum shall be 60, 100 and 200 amperes respectively. #2/0 AWG copper shall be 200 amperes. In these cases, the 5% adjustment per C.E. Code Rule 8-106(1) cannot be applied.

Based on not more than 3 copper or aluminum conductors in raceway or cable. For 1 conductor per underground duct installation ampacities.