



4 Conductor RW90 600V CSA

4C	Part No.	Conductor Size	Cable O.D.		Cable Weight		Max Pulling Tension		Resistance at 25°C	Ampacity
		AWG/kcmil	in	mm	lbs/Mft	kg/km	lbs	kg	Ω/Mft	A
	8050604	6	0.627	15.92	372	553	671	304	0.396	60
	8050404	4	0.735	18.67	593	883	1068	484	0.249	76
	8050304	3	0.807	20.51	738	1099	1347	611	0.197	92
	8050204	2	0.892	22.65	929	1383	1700	771	0.156	104
	8050104	1	0.988	25.10	1183	1760	2145	973	0.124	116
	80501/004	1/0	1.087	27.61	1449	2156	2700	1225	0.098	136
	80502/004	2/0	1.193	30.30	1791	2665	3408	1546	0.078	156
	80503/004	3/0	1.282	32.57	2257	3359	4298	1950	0.062	180
	80504/004	4/0	1.436	36.48	2807	4176	5414	2456	0.049	208
	80525004	250	1.615	41.01	3286	4890	6400	2903	0.041	232
	80535004	350	1.945	49.40	4757	7078	8967	4068	0.030	280
	80540004	400	2.097	53.26	5091	7575	10246	4648	0.035	304
	80550004	500	2.145	54.48	6702	9972	12800	5806	0.021	344
	80560004	600	2.482	63.05	8317	12375	15366	6970	0.017	380
	80575004	750	2.697	68.50	9665	14381	19200	8709	0.014	428

Ampacity values based on CEC Part I 2018, Table 2 and 5C. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant SUN RES

Conductor	Stranded Tinned or Bare Soft Copper Conductors, ASTM B8, B3 and B33
Insulation	Cross-linked Polyethylene Insulation (XLPE) CSA Type XL 90°C dry/wet 600V
Assembly	Cabled without a bonding conductor
Colour Code	Black, Red and Blue or Black with White Numbering

Applications

- For exposed wiring and raceways (except cable tray) in wet and dry locations.
- Minimum recommended installation temperature of minus 40°C with proper handling procedures.
- Cables marked SUN RES are also for outdoor use and exposed wiring subjected to the weather.