



3 Conductor RW90 600V CSA

3C	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
	8050603	6	0.556	14.13	280	416	629	285	0.396	75
	8050403	4	0.653	16.58	446	664	1001	454	0.249	95
	8050303	3	0.717	18.21	555	826	1263	573	0.197	115
	8050203	2	0.792	20.11	699	1040	1594	723	0.156	130
	8050103	1	0.877	22.29	890	1324	2010	912	0.124	145
	80501/003	1/0	0.965	24.51	1090	1622	2531	1148	0.098	170
	80502/003	2/0	1.059	26.91	1348	2005	3195	1449	0.078	195
	80503/003	3/0	1.138	28.92	1698	2527	4029	1828	0.062	225
	80504/003	4/0	1.275	32.40	2112	3142	5075	2302	0.049	260
	80525003	250	1.434	36.42	2472	3678	6000	2722	0.041	290
	80535003	350	1.727	43.87	3579	5324	8407	3814	0.030	350
	80540003	400	1.862	47.29	3830	5698	9606	4357	0.035	380
	80550003	500	1.905	48.38	5042	7501	12000	5443	0.021	430
	80560003	600	2.204	55.99	6257	9309	14406	6535	0.017	475
	80575003	750	2.395	60.82	7271	10818	18000	8165	0.014	535

Ampacity values based on CE Code Part I 2024, Table 2. 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)
- CSA C22.2 No. 2556 FT4, IEEE 1202/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- 40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant SUN RES if black only; SUN RES in all colours available upon request.

Conductor

Stranded Soft Copper, ASTM B8

Insulation

Cross-linked Polyethylene (XLPE)
CSA Type XL 105°C dry, 90°C wet 600V,
Halogen-Free

Assembly

Cabled without a bonding conductor

Colour Code

Black, Red and Blue or Black with
Coloured Stripe

Applications

- For use in Raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations and in ceiling air-handling plenums.