



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
	9050603	6	0.526	13.37	114	169	315	143	0.661	55
	9050403	4	0.648	16.47	168	250	501	227	0.416	75
	9050303	3	0.706	17.94	205	305	631	286	0.327	85
	9050203	2	0.770	19.57	251	373	797	361	0.261	100
	9050103	1	0.878	22.30	308	458	1004	455	0.207	115
	90501/003	1/0	0.969	24.62	383	570	1268	575	0.165	135
	90502/003	2/0	1.042	26.47	474	706	1597	725	0.130	150
	90503/003	3/0	1.091	27.72	598	890	2015	914	0.103	175
	90504/003	4/0	1.260	32.02	707	1052	2439	1106	0.079	205
	90525003	250	1.423	36.15	861	1281	3000	1361	0.067	230
	90535003	350	1.629	41.36	1153	1716	4200	1905	0.050	280
	90540003	400	1.650	47.34	1323	1969	4802	2178	0.043	305
	90550003	500	1.864	47.34	1619	2409	6000	2722	0.035	350
	90560003	600	2.111	53.61	2008	2988	8000	3629	0.029	385
	90575003	750	2.336	59.33	2428	3612	9000	4083	0.023	435

Ampacity values based on CE Code Part I 2024, Table 4. 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 AA-8000 Series Aluminum Alloy (ACM)

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 (except cable tray), ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums and concealed wiring.