



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
	9050604	6	0.627	15.92	151	224	503	228	0.661	44
	9050404	4	0.733	18.61	222	331	801	363	0.416	60
	9050304	3	0.796	20.21	272	404	1010	458	0.327	68
	9050204	2	0.865	21.97	333	495	1275	578	0.261	80
	9050104	1	0.989	25.11	434	646	1606	729	0.207	92
	90501/004	1/0	1.115	28.31	531	790	2029	920	0.165	108
	90502/004	2/0	1.125	28.59	655	975	2556	1159	0.130	120
	90503/004	3/0	1.227	31.16	794	1181	3223	1462	0.103	140
	90504/004	4/0	1.466	37.23	993	1477	4064	1844	0.079	164
	90525004	250	1.629	41.39	1201	1787	4800	2177	0.067	184
	90535004	350	1.794	45.58	1623	2414	6720	3048	0.050	224
	90540004	400	1.907	48.50	1881	2798	7683	3485	0.043	244
	90550004	500	2.091	53.11	2272	3380	9600	4355	0.035	280
	90560004	600	2.377	60.37	2785	4144	12800	5806	0.029	308
	90575004	750	2.631	66.82	3409	5072	14400	6532	0.023	348

Ampacity values based on CE Code Part I 2024, Table 4 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)
- 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.