



3 Conductor RWU90 1000V 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
	8140603	6	0.706	17.94	324	482	629	285	0.396	75
	8140403	4	0.803	20.38	494	735	1001	454	0.249	95
	8140303	3	0.867	22.01	607	903	1263	573	0.197	115
	8140203	2	0.942	23.92	734	1091	1594	723	0.156	130
	8140103	1	1.049	26.63	950	1414	2010	912	0.124	145
	81401/003	1/0	1.136	28.86	1167	1737	2531	1148	0.098	170
	81402/003	2/0	1.231	31.25	1451	2159	3195	1449	0.078	195
	81403/003	3/0	1.310	33.27	1775	2641	4029	1828	0.062	225
	81404/003	4/0	1.447	36.74	2174	3235	5075	2302	0.049	260
	81425003	250	1.626	41.31	2677	3983	6000	2722	0.041	290
	81435003	350	1.920	48.76	3552	5285	8407	3814	0.030	350
	81450003	500	2.097	53.27	5107	7598	12000	5443	0.021	430
	81460003	600	2.397	60.88	6446	9591	14406	6535	0.017	475
	81475003	750	2.587	65.72	7589	11291	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 RWU90)
- CSA C22.2 No. 2556 FT4, 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 all colours, Direct Burial

Conductor

Stranded Soft Copper conductors, ASTM B8

Insulation

Cross-linked Polyethylene (XLPE) CSA Type XL 105°C dry, 90°C wet 1000V, 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, in ceiling air-handling plenums, direct burial, exposed and concealed wiring.