



4 Conductor RWU90 1000V 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
	8140604	6	0.795	20.20	432	643	671	304	0.396	60
	8140404	4	0.904	22.96	659	980	1068	484	0.249	76
	8140304	3	0.976	24.79	809	1204	1347	611	0.197	92
	8140204	2	1.060	26.93	978	1455	1700	771	0.156	104
	8140104	1	1.181	29.99	1267	1885	2145	973	0.124	116
	81401/004	1/0	1.280	32.50	1556	2316	2700	1225	0.098	136
	81402/004	2/0	1.386	35.20	1935	2878	3408	1546	0.078	156
	81403/004	3/0	1.475	37.46	2367	3522	4298	1950	0.062	180
	81404/004	4/0	1.629	41.38	2899	4313	5414	2456	0.049	208
	81425004	250	1.832	46.52	3569	5310	6400	2903	0.041	232
	81435004	350	2.162	54.91	4736	7047	8967	4068	0.030	280
	81450004	500	2.362	59.99	6809	10130	12800	5806	0.021	344
	81460004	600	2.699	68.56	8595	12788	15366	6970	0.017	380
	81475004	750	2.914	74.01	10118	15055	19200	8709	0.014	428

Ampacity values based on CE Code Part I 2024, 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 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, Blue and White 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 and direct burial