



1 Conductor RWU90 1000V CSA

1C	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
	91408	8	0.294	7.47	42	62	99	45	0.902	45
	91406	6	0.316	8.03	51	76	157	71	0.661	55
	91404	4	0.373	9.47	71	105	250	114	0.416	75
	91403	3	0.400	10.16	84	125	316	143	0.327	85
	91402	2	0.430	10.92	100	149	398	181	0.261	100
	91401	1	0.490	12.45	131	195	502	228	0.207	115
	91401/0	1/0	0.533	13.54	157	233	634	288	0.165	135
	91402/0	2/0	0.567	14.40	187	278	799	362	0.130	150
	91403/0	3/0	0.590	14.99	223	332	1007	457	0.103	175
	91404/0	4/0	0.679	17.25	277	412	1270	576	0.079	205
	914250	250	0.755	19.18	341	507	1500	680	0.067	230
	914350	350	0.851	21.62	454	676	2100	953	0.050	280
	914500	500	0.961	24.41	619	922	3000	1361	0.035	350
	914600	600	1.076	27.34	751	1117	4000	1814	0.029	385
	914750	750	1.182	30.01	915	1361	4500	2041	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 RWU90)
- CSA C22.2 No. 230, Tray Cables (for 1/0 AWG and larger) (Standard TC rated. TC-ER Optional)
- 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 AA-8000 Series Aluminum Alloy (ACM)

Insulation

Cross-linked Polyethylene (XLPE)
CSA Type XL 105°C dry, 90°C wet 1000V,
Halogen-Free

Applications

- For use in raceways, 1/0 and larger may be used in ventilated, non-ventilated and ladder type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums and direct burial