



1 Conductor RW90 1000V CSA FT4

1C	Part No.	Conductor Size	Cable O.D.		Cable Weight		Max Pulling Tension		Resistance at 20°C	Ampacity
		AWG/kcmil	in	mm	lbs/Mft	kg/km	lbs	kg	Ω/Mft	A
	81208FT4	8	0.224	5.69	74	50	151	69	0.654	55
	81206FT4	6	0.290	7.37	110	74	210	95	0.411	75
	81204FT4	4	0.335	8.51	165	111	334	151	0.259	95
	81203FT4	3	0.365	9.27	203	136	421	191	0.205	115
	81202FT4	2	0.400	10.16	250	168	531	241	0.163	130
	81201FT4	1	0.460	11.68	365	245	670	304	0.129	145
	81201/0FT4	1/0	0.501	12.73	415	279	844	383	0.102	170
	81202/0FT4	2/0	0.545	13.84	524	352	1065	483	0.0811	195
	81203/0FT4	3/0	0.582	14.78	626	421	1343	609	0.0643	225
	81204/0FT4	4/0	0.646	16.41	781	525	1692	767	0.0510	260
	812250FT4	250	0.720	18.29	957	643	2000	907	0.0432	290
	812350FT4	350	0.857	21.77	1310	881	2802	1271	0.0308	350
	812500FT4	500	0.951	24.16	1956	1314	3997	1813	0.0216	430
	812600FT4	600	1.050	26.67	2185	1469	4802	2178	0.0180	475
	812750FT4	750	1.139	28.93	2700	1815	6002	2722	0.0144	535
	8121000FT4	1000	1.285	32.64	3560	2393	7995	3627	0.0108	615

Ampacity values based on CE Code Part I 2021, 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 RW90)
- 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, IEEE 1202/UL 1685 Vertical-Tray Flame Test
- -40°C Cold Bend and -40°C Cold Impact
- SUN RES all colours if 8 AWG and larger; 14, 12 and 10 AWG available upon request.

Applications

- For exposed wiring and raceways (including cable tray if 1/0 AWG or larger) in wet and dry locations.
- 8 AWG to 2 AWG only green jacketed are accepted for installation in cable tray for Bonding/Grounding applications.
- Minimum recommended installation temperature of minus 40°C with proper handling procedures.
- Cables marked SUN RES are also for outdoor use and exposed wiring subjected to the weather.

Conductor — Stranded Bare Soft Copper, ASTM B8
Insulation — Cross-linked Polyethylene Insulation (XLPE)
 CSA Type XL 90°C dry/wet 1000V

