



## 1 Conductor RW90 600V 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
	80508FT4	8	0.224	5.69	75	112	151	69	0.654	55
	80506FT4	6	0.260	6.60	100	149	210	95	0.411	75
	80504FT4	4	0.305	7.75	152	227	334	151	0.259	95
	80503FT4	3	0.335	8.51	189	281	421	191	0.205	115
	80502FT4	2	0.370	9.40	234	348	531	241	0.163	130
	80501FT4	1	0.410	10.41	272	405	670	304	0.129	145
	80501/0FT4	1/0	0.451	11.46	371	552	844	383	0.102	170
	80502/0FT4	2/0	0.495	12.57	466	693	1065	483	0.0811	195
	80503/0FT4	3/0	0.532	13.51	580	864	1343	609	0.0643	225
	80504/0FT4	4/0	0.596	15.14	723	1076	1692	767	0.0510	260
	805250FT4	250	0.670	17.02	880	1310	2000	907	0.0432	290
	805350FT4	350	0.807	20.50	1219	1814	2802	1271	0.0308	350
	805500FT4	500	0.890	22.61	1594	2372	3997	1813	0.0216	430
	805600FT4	600	1.030	26.16	2073	3085	4802	2178	0.0180	475
	805750FT4	750	1.119	28.42	2586	3848	6002	2722	0.0144	535
	8051000FT4	1000	1.265	32.13	3415	5083	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.

**Conductor** Stranded Bare Soft Copper, ASTM B8  
**Insulation** Cross-linked Polyethylene Insulation (XLPE)  
 CSA Type XL 90°C dry/wet 600V

### 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.