



## 1 Conductor RW90 600V CSA FT4

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
	80508FT4	8	0.224	5.69	75	112	151	69	0.627	55
	80506FT4	6	0.260	6.60	100	149	210	95	0.396	75
	80504FT4	4	0.305	7.75	152	227	334	151	0.249	95
	80503FT4	3	0.335	8.51	189	281	421	191	0.197	115
	80502FT4	2	0.370	9.40	234	348	531	241	0.156	130
	80501FT4	1	0.410	10.41	272	405	670	304	0.124	145
	80501/0FT4	1/0	0.451	11.46	371	552	844	383	0.0983	170
	80502/0FT4	2/0	0.495	12.57	466	693	1065	483	0.0779	195
	80503/0FT4	3/0	0.532	13.51	580	864	1343	609	0.0618	225
	80504/0FT4	4/0	0.596	15.14	723	1076	1692	767	0.0490	260
	805250FT4	250	0.670	17.02	880	1310	2000	907	0.0415	290
	805350FT4	350	0.807	20.50	1219	1814	2802	1271	0.0296	350
	805500FT4	500	0.890	22.61	1594	2372	3997	1813	0.0208	430
	805600FT4	600	1.030	26.16	2073	3085	4802	2178	0.0173	475
	805750FT4	750	1.119	28.42	2586	3848	6002	2722	0.0138	535
	8051000FT4	1000	1.265	32.13	3415	5083	7995	3627	0.0104	615

Ampacity values based on CEC Part I 2018, 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)
- CSA C22.2 No. 2556 FT4 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

Solid and Stranded Bare Soft Copper or Tinned conductors, ASTM B8, B3 and B33

### 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.
- 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.