



## 1 Conductor RWU90 1000V 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
	81408FT4	8	0.294	7.47	81	121	151	69	0.627	55
	81406FT4	6	0.329	8.36	117	174	210	95	0.396	75
	81404FT4	4	0.385	9.78	173	258	334	151	0.249	95
	81403FT4	3	0.412	10.46	209	311	421	191	0.197	115
	81402FT4	2	0.443	11.25	260	386	531	241	0.156	130
	81401FT4	1	0.493	12.52	306	455	670	304	0.124	145
	81401/0FT4	1/0	0.528	13.41	406	605	844	383	0.098	170
	81402/0FT4	2/0	0.567	14.40	468	697	1065	483	0.078	195
	81403/0FT4	3/0	0.609	15.47	572	851	1343	609	0.062	225
	81404/0FT4	4/0	0.675	17.15	747	1112	1692	767	0.049	260
	814250FT4	250	0.760	19.30	888	1322	2000	907	0.041	290
	814350FT4	350	0.875	22.23	1211	1803	2802	1271	0.030	350
	814500FT4	500	0.992	25.20	1672	2488	3997	1813	0.021	430
	814600FT4	600	1.063	27.00	2065	3073	4802	2178	0.017	475
	814750FT4	750	1.248	31.70	2568	3822	6002	2722	0.014	535
	8141000FT4	1000	1.402	35.61	3375	5022	7995	3627	0.010	615

Ampacity values based on CE Code Part I 2024, 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 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 Soft Copper, ASTM B8

**Insulation** Cross-linked Polyethylene (XLPE) CSA Type XL 90°C dry/wet 1000V

### Applications

- For use in raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums, direct burial, exposed and concealed wiring.