



1 Conductor RW90 600V CSA FT4 TC-ER

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
	82008BB-T4E	8	0.314	7.98	89	133	151	69	0.627	55
	82006BB-T4E	6	0.349	8.86	126	187	210	95	0.396	75
	82004BB-T4E	4	0.405	10.29	184	274	334	151	0.249	95
	82003BB-T4E	3	0.432	10.97	220	327	421	191	0.197	115
	82002BB-T4E	2	0.463	11.76	271	404	531	241	0.156	130
	82001BB-T4E	1	0.503	12.78	314	468	670	304	0.124	145
	82001/0BB-T4E	1/0	0.538	13.67	416	619	844	383	0.0983	170
	82002/0BB-T4E	2/0	0.577	14.66	478	712	1065	483	0.0779	195
	82003/0BB-T4E	3/0	0.619	15.72	583	867	1343	609	0.0618	225
	82004/0BB-T4E	4/0	0.685	17.40	759	1130	1692	767	0.0490	260
	820250BB-T4E	250	0.760	19.30	895	1332	2000	907	0.0415	290
	820350BB-T4E	350	0.915	23.24	1255	1868	2802	1271	0.0296	350
	820500BB-T4E	500	1.032	26.21	1721	2561	3997	1813	0.0208	430
	820600BB-T4E	600	1.103	28.02	2117	3151	4802	2178	0.0173	475
	820750BB-T4E	750	1.288	32.72	2630	3914	6002	2722	0.0138	535
	8201000BB-T4E	1000	1.442	36.63	3444	5125	7995	3627	0.0104	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 RW90)
- CSA C22.2 No. 230, Tray Cables Exposed Run (TC-ER)
- CSA C22.2 No. 2556 FT4, IEEE 1202/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, Low Acid Gas (AG14)

Conductor Stranded Soft Copper, ASTM B8

Insulation

Cross-linked Polyethylene (XLPE)
CSA Type XL 90°C dry/wet 600V

Jacket

Thermoplastic Elastomer (TPE) - AG14

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.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).
- Cables marked TC-ER tray cable are permitted for exposed runs as per CE Code Part I 12-2202 3) and 4).

CUSTOM ORDER OPTIONS

