



1 Conductor RW90 600V CSA FT4 TC

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
	82008BB-PV4	8	0.314	7.98	89	133	151	69	0.654	55
	82006BB-PV4	6	0.349	8.86	126	187	210	95	0.411	75
	82004BB-PV4	4	0.405	10.29	184	274	334	151	0.259	95
	82003BB-PV4	3	0.432	10.97	220	327	421	191	0.205	115
	82002BB-PV4	2	0.463	11.76	271	404	531	241	0.163	130
	82001BB-PV4	1	0.503	12.78	314	468	670	304	0.129	145
	82001/0BB-PV4	1/0	0.538	13.67	416	619	844	383	0.102	170
	82002/0BB-PV4	2/0	0.577	14.66	478	712	1065	483	0.0811	195
	82003/0BB-PV4	3/0	0.619	15.72	583	867	1343	609	0.0643	225
	82004/0BB-PV4	4/0	0.685	17.40	759	1130	1692	767	0.0510	260
	820250BB-PV4	250	0.760	19.30	895	1332	2000	907	0.0432	290
	820350BB-PV4	350	0.915	23.24	1255	1868	2802	1271	0.0308	350
	820500BB-PV4	500	1.032	26.21	1721	2561	3997	1813	0.0216	430
	820600BB-PV4	600	1.103	28.02	2117	3151	4802	2178	0.0180	475
	820750BB-PV4	750	1.288	32.72	2630	3914	6002	2722	0.0144	535
	8201000BB-PV4	1000	1.442	36.63	3444	5125	7995	3627	0.0108	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 (Standard TC rated. TC-ER Optional)
- 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** Low Acid Gas (LAG) Polyvinyl Chloride (PVC)

Applications

- For use in raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums and direct burial.
- Single conductor 1/0 and larger are Tray Cable approved
- 8 AWG to 1 AWG green jacketed are accepted for installation in cable tray for Bonding/Grounding applications.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).

CUSTOM ORDER OPTIONS

