



4 Conductor RW90 1000V CSA FT4 TC-ER

4C	Part No.	Power Conductor	Bonding Conductor	Insulation Thickness		Jacket Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
		AWG/kcmil	AWG	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	A
	8210804BBG-P4E	8	10	0.045	1.1	0.060	1.5	0.688	17.5	420	625	606	275	6.2	157	44
	8210604BBG-P4E	6	8	0.060	1.5	0.080	2.0	0.892	22.7	642	956	839	381	8.0	204	60
	8210404BBG-P4E	4	8	0.060	1.5	0.080	2.0	1.027	26.1	889	1323	1335	607	9.2	235	76
	8210304BBG-P4E	3	6	0.060	1.5	0.080	2.0	1.097	27.9	1073	1596	1684	765	9.9	251	92
	8210204BBG-P4E	2	6	0.060	1.5	0.080	2.0	1.175	29.9	1275	1898	2125	966	10.6	269	104
	8210104BBG-P4E	1	6	0.080	2.0	0.080	2.0	1.325	33.7	1614	2402	2681	1218	11.9	303	116
	82101/004BBG-P4E	1/0	6	0.080	2.0	0.080	2.0	1.410	35.8	1950	2902	3375	1534	12.7	322	136
	82102/004BBG-P4E	2/0	6	0.080	2.0	0.080	2.0	1.504	38.2	2317	3448	4259	1936	13.5	344	156
	82103/004BBG-P4E	3/0	4	0.080	2.0	0.080	2.0	1.613	41.0	2862	4259	5372	2442	14.5	369	180
	82104/004BBG-P4E	4/0	4	0.080	2.0	0.110	2.8	1.832	46.5	3591	5344	6767	3076	16.5	419	208
	82125004BBG-P4E	250	4	0.090	2.3	0.110	2.8	2.016	51.2	4307	6410	8000	3636	18.1	461	232
	82130004BBG-P4E	300	4	0.090	2.3	0.110	2.8	2.146	54.5	5025	7478	9590	4359	19.3	491	256
	82135004BBG-P4E	350	3	0.090	2.3	0.110	2.8	2.296	58.3	5801	8633	11209	5095	20.7	525	280
	82140004BBG-P4E	400	3	0.090	2.3	0.110	2.8	2.357	59.9	6487	9654	12806	5821	21.2	539	344
	82150004BBG-P4E	500	2	0.090	2.3	0.110	2.8	2.583	65.6	7953	11836	15987	7267	23.2	590	380
	82160004BBG-P4E	600	2	0.090	2.3	0.110	2.8	2.682	68.1	9326	13879	19209	8731	24.1	613	428
	82175004BBG-P4E	750	2	0.090	2.3	0.140	3.6	3.187	81.0	11706	17421	24007	10912	28.7	729	492

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 (Type 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 1000V

Bonding Stranded Soft Copper, ASTM B8, XLPE Insulated (Green)

Jacket Low Acid Gas Polyvinyl Chloride (PVC)

Colour Code Black, White, Red and Blue or Black with White printed numbers

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

