



12 AWG RW90 600V CSA FT4 TC-ER

12 AWG	Part No.	Conductor Count	Bonding Conductor		Insulation Thickness		Jacket Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
			AWG		in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	
	8201202BBG-P4E	2/C	12		0.030	0.8	0.045	1.1	0.414	10.5	116	173	104	47	3.7	95	30
	8201203BBG-P4E	3/C	12		0.030	0.8	0.045	1.1	0.436	11.1	146	217	156	71	3.9	100	30
	8201204BBG-P4E	4/C	12		0.030	0.8	0.045	1.1	0.476	12.1	177	263	208	94	4.3	109	24
	8201205BBG-P4E	5/C	12		0.030	0.8	0.06	1.5	0.549	14.0	227	338	260	118	4.9	126	24
	8201206BBG-P4E	6/C	12		0.030	0.8	0.06	1.5	0.568	14.4	258	384	313	142	5.1	130	24
	8201207BBG-P4E	7/C	12		0.030	0.8	0.06	1.5	0.595	15.1	289	430	365	166	5.4	136	21
	8201208BBG-P4E	8/C	12		0.030	0.8	0.06	1.5	0.64	16.3	323	481	417	189	5.8	146	21
	8201209BBG-P4E	9/C	12		0.030	0.8	0.06	1.5	0.663	16.8	354	527	469	213	6.0	152	21
	8201210BBG-P4E	10/C	12		0.030	0.8	0.06	1.5	0.692	17.6	386	574	521	236	6.2	158	21
	8201211BBG-P4E	11/C	12		0.030	0.8	0.06	1.5	0.717	18.2	417	620	573	260	6.5	164	21
	8201212BBG-P4E	12/C	12		0.030	0.8	0.06	1.5	0.743	18.9	448	667	625	283	6.7	170	21
	8201215BBG-P4E	15/C	12		0.030	0.8	0.08	2.0	0.869	22.1	577	859	781	354	7.8	199	21
	8201220BBG-P4E	20/C	12		0.030	0.8	0.08	2.0	0.983	25.0	736	1096	1042	473	8.8	225	21
	8201225BBG-P4E	25/C	12		0.030	0.8	0.08	2.0	1.088	27.6	894	1331	1302	591	9.8	249	18
	8201230BBG-P4E	30/C	12		0.030	0.8	0.08	2.0	1.154	29.3	1048	1560	1563	709	10.4	264	18
	8201240BBG-P4E	40/C	12		0.030	0.8	0.08	2.0	1.289	32.7	1353	2013	2084	945	11.6	295	18
	8201250BBG-P4E	50/C	12		0.030	0.8	0.08	2.0	1.431	36.3	1658	2467	2605	1182	12.9	327	15

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 600V

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

