



10 AWG RW90 600V CSA FT4 TC-ER

10 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	
	8201002BBG-P4E	2/C	10	0.030	0.8	0.045	1.1	0.462	11.7	162	242	166	75	4.2	106	40
	8201003BBG-P4E	3/C	10	0.030	0.8	0.045	1.1	0.488	12.4	206	307	249	113	4.4	112	40
	8201004BBG-P4E	4/C	10	0.030	0.8	0.060	1.5	0.564	14.3	268	399	332	151	5.1	129	32
	8201005BBG-P4E	5/C	10	0.030	0.8	0.060	1.5	0.614	15.6	320	477	415	188	5.5	140	32
	8201006BBG-P4E	6/C	10	0.030	0.8	0.060	1.5	0.635	16.1	365	543	498	226	5.7	145	32
	8201007BBG-P4E	7/C	10	0.030	0.8	0.060	1.5	0.666	16.9	411	612	581	264	6.0	152	28
	8201008BBG-P4E	8/C	10	0.030	0.8	0.060	1.5	0.719	18.3	460	685	664	301	6.5	164	28
	8201009BBG-P4E	9/C	10	0.030	0.8	0.060	1.5	0.745	18.9	506	753	747	339	6.7	170	28
	8201010BBG-P4E	10/C	10	0.030	0.8	0.060	1.5	0.778	19.8	552	822	830	377	7.0	178	28
	8201011BBG-P4E	11/C	10	0.030	0.8	0.060	1.5	0.807	20.5	598	890	913	414	7.3	184	28
	8201012BBG-P4E	12/C	10	0.030	0.8	0.080	2.0	0.877	22.3	678	1009	996	452	7.9	200	28
	8201015BBG-P4E	15/C	10	0.030	0.8	0.080	2.0	0.976	24.8	821	1223	1245	565	8.8	223	28
	8201020BBG-P4E	20/C	10	0.030	0.8	0.080	2.0	1.107	28.1	1055	1570	1660	753	10.0	253	28
	8201025BBG-P4E	25/C	10	0.030	0.8	0.080	2.0	1.232	31.3	1289	1919	2075	941	11.1	282	24
	8201030BBG-P4E	30/C	10	0.030	0.8	0.080	2.0	1.303	33.1	1513	2252	2490	1130	11.7	298	24
	8201040BBG-P4E	40/C	10	0.030	0.8	0.080	2.0	1.458	37.0	1963	2922	3320	1506	13.1	333	24
	8201050BBG-P4E	50/C	10	0.030	0.8	0.080	2.0	1.622	41.2	2414	3593	4150	1883	14.6	371	20

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

