



## 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		
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8201002BBG-P4E	2/C	10	0.030	0.8	0.045	1.1	0.462	11.7	162	242	166	75	5.5	141	40		
8201003BBG-P4E	3/C	10	0.030	0.8	0.045	1.1	0.488	12.4	206	307	249	113	5.9	149	40		
8201004BBG-P4E	4/C	10	0.030	0.8	0.060	1.5	0.564	14.3	268	399	332	151	6.8	172	32		
8201005BBG-P4E	5/C	10	0.030	0.8	0.060	1.5	0.614	15.6	320	477	415	188	7.4	187	32		
8201006BBG-P4E	6/C	10	0.030	0.8	0.060	1.5	0.635	16.1	365	543	498	226	7.6	194	32		
8201007BBG-P4E	7/C	10	0.030	0.8	0.060	1.5	0.666	16.9	411	612	581	264	8.0	203	28		
8201008BBG-P4E	8/C	10	0.030	0.8	0.060	1.5	0.719	18.3	460	685	664	301	8.6	219	28		
8201009BBG-P4E	9/C	10	0.030	0.8	0.060	1.5	0.745	18.9	506	753	747	339	8.9	227	28		
8201010BBG-P4E	10/C	10	0.030	0.8	0.060	1.5	0.778	19.8	552	822	830	377	9.3	237	28		
8201011BBG-P4E	11/C	10	0.030	0.8	0.060	1.5	0.807	20.5	598	890	913	414	9.7	246	28		
8201012BBG-P4E	12/C	10	0.030	0.8	0.080	2.0	0.877	22.3	678	1009	996	452	10.5	267	28		
8201015BBG-P4E	15/C	10	0.030	0.8	0.080	2.0	0.976	24.8	821	1223	1245	565	11.7	298	28		
8201020BBG-P4E	20/C	10	0.030	0.8	0.080	2.0	1.107	28.1	1055	1570	1660	753	13.3	337	28		
8201025BBG-P4E	25/C	10	0.030	0.8	0.080	2.0	1.232	31.3	1289	1919	2075	941	14.8	376	24		
8201030BBG-P4E	30/C	10	0.030	0.8	0.080	2.0	1.303	33.1	1513	2252	2490	1130	15.6	397	24		
8201040BBG-P4E	40/C	10	0.030	0.8	0.080	2.0	1.458	37.0	1963	2922	3320	1506	17.5	444	24		
8201050BBG-P4E	50/C	10	0.030	0.8	0.080	2.0	1.622	41.2	2414	3593	4150	1883	19.5	494	20		

Ampacity values based on CE Code Part I 2021, 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 Extended Run
- CSA C22.2 No. 2556 FT4, IEEE 1202/UL 1685 Vertical-Tray Flame Test
- -40°C Cold Bend and -40°C Cold Impact
- SUN RES all colours

**Conductor** Stranded Bare Soft Copper, ASTM B8  
**Insulation** Cross-linked Polyethylene Insulation (XLPE) CSA Type XL 90°C dry/wet 600V  
**Jacket** Low Acid Gas Polyvinyl Chloride (PVC)  
**Colour Code** Black, White, Red and Blue or Black with White printed number

**Bonding** Green Insulated Stranded Bare Soft Copper, ASTM B8

### Applications

- For wet and dry locations.
- For use in raceways, including cable trays, Ventilated, non-ventilated, ladder tray and direct burial.
- To be used for exposed and concealed wiring or where subjected to the weather.
- For Hazardous Locations Class I-Zone 0 Intrinsically safe Div. 2, Class II-Zone 2 Div. 2 and Class III-Div. 2.
- Cables marked TC-ER tray cable are permitted to transition between cable trays, and utilization equipment or devices as per CE Code Part I 12-2202 2) and 3).



### CUSTOM ORDER OPTIONS

