



10 AWG RW90 600V CSA FT4 TC

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	A
8201002BBG-PV4	2/C	10	0.030	0.8	0.045	1.1	0.462	11.7	162	242	166	75	4.2	106	40	
8201003BBG-PV4	3/C	10	0.030	0.8	0.045	1.1	0.488	12.4	206	307	249	113	4.4	112	40	
8201004BBG-PV4	4/C	10	0.030	0.8	0.060	1.5	0.564	14.3	268	399	332	151	5.1	129	32	
8201005BBG-PV4	5/C	10	0.030	0.8	0.060	1.5	0.614	15.6	320	477	415	188	5.5	140	32	
8201006BBG-PV4	6/C	10	0.030	0.8	0.060	1.5	0.635	16.1	365	543	498	226	5.7	145	32	
8201007BBG-PV4	7/C	10	0.030	0.8	0.060	1.5	0.666	16.9	411	612	581	264	6.0	152	28	
8201008BBG-PV4	8/C	10	0.030	0.8	0.060	1.5	0.719	18.3	460	685	664	301	6.5	164	28	
8201009BBG-PV4	9/C	10	0.030	0.8	0.060	1.5	0.745	18.9	506	753	747	339	6.7	170	28	
8201010BBG-PV4	10/C	10	0.030	0.8	0.060	1.5	0.778	19.8	552	822	830	377	7.0	178	28	
8201011BBG-PV4	11/C	10	0.030	0.8	0.060	1.5	0.807	20.5	598	890	913	414	7.3	184	28	
8201012BBG-PV4	12/C	10	0.030	0.8	0.080	2.0	0.877	22.3	678	1009	996	452	7.9	200	28	
8201015BBG-PV4	15/C	10	0.030	0.8	0.080	2.0	0.976	24.8	821	1223	1245	565	8.8	223	28	
8201020BBG-PV4	20/C	10	0.030	0.8	0.080	2.0	1.107	28.1	1055	1570	1660	753	10.0	253	28	
8201025BBG-PV4	25/C	10	0.030	0.8	0.080	2.0	1.232	31.3	1289	1919	2075	941	11.1	282	24	
8201030BBG-PV4	30/C	10	0.030	0.8	0.080	2.0	1.303	33.1	1513	2252	2490	1130	11.7	298	24	
8201040BBG-PV4	40/C	10	0.030	0.8	0.080	2.0	1.458	37.0	1963	2922	3320	1506	13.1	333	24	
8201050BBG-PV4	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 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 (Standard TC rated. TC-ER Optional)
- 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).

