



12 AWG RW90 600V CSA FT4 TC

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-PV4	2/C	12	0.030	0.8	0.045	1.1	0.414	10.5	116	173	104	47	5.0	126	30
	8201203BBG-PV4	3/C	12	0.030	0.8	0.045	1.1	0.436	11.1	146	217	156	71	5.2	133	30
	8201204BBG-PV4	4/C	12	0.030	0.8	0.045	1.1	0.476	12.1	177	263	208	94	5.7	145	24
	8201205BBG-PV4	5/C	12	0.030	0.8	0.06	1.5	0.549	14.0	227	338	260	118	6.6	167	24
	8201206BBG-PV4	6/C	12	0.030	0.8	0.06	1.5	0.568	14.4	258	384	313	142	6.8	173	24
	8201207BBG-PV4	7/C	12	0.030	0.8	0.06	1.5	0.595	15.1	289	430	365	166	7.1	181	21
	8201208BBG-PV4	8/C	12	0.030	0.8	0.06	1.5	0.64	16.3	323	481	417	189	7.7	195	21
	8201209BBG-PV4	9/C	12	0.030	0.8	0.06	1.5	0.663	16.8	354	527	469	213	8.0	202	21
	8201210BBG-PV4	10/C	12	0.030	0.8	0.06	1.5	0.692	17.6	386	574	521	236	8.3	211	21
	8201211BBG-PV4	11/C	12	0.030	0.8	0.06	1.5	0.717	18.2	417	620	573	260	8.6	219	21
	8201212BBG-PV4	12/C	12	0.030	0.8	0.06	1.5	0.743	18.9	448	667	625	283	8.9	226	21
	8201215BBG-PV4	15/C	12	0.030	0.8	0.08	2.0	0.869	22.1	577	859	781	354	10.4	265	21
	8201220BBG-PV4	20/C	12	0.030	0.8	0.08	2.0	0.983	25.0	736	1096	1042	473	11.8	299	21
	8201225BBG-PV4	25/C	12	0.030	0.8	0.08	2.0	1.088	27.6	894	1331	1302	591	13.1	332	18
	8201230BBG-PV4	30/C	12	0.030	0.8	0.08	2.0	1.154	29.3	1048	1560	1563	709	13.8	352	18
	8201240BBG-PV4	40/C	12	0.030	0.8	0.08	2.0	1.289	32.7	1353	2013	2084	945	15.5	393	18
	8201250BBG-PV4	50/C	12	0.030	0.8	0.08	2.0	1.431	36.3	1658	2467	2605	1182	17.2	436	15

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).

