



12 AWG CIC 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	
	6XNAUS12-2CG-PV4	2/C	12	0.030	0.8	0.045	1.1	0.414	10.5	108	160	104	47	3.7	95	30
	6XNAUS12-3CG-PV4	3/C	12	0.030	0.8	0.045	1.1	0.437	11.1	137	204	156	71	3.9	100	30
	6XNAUS12-4CG-PV4	4/C	12	0.030	0.8	0.045	1.1	0.476	12.1	168	250	208	94	4.3	109	24
	6XNAUS12-5CG-PV4	5/C	12	0.030	0.8	0.060	1.5	0.550	14.0	218	325	260	118	5.0	126	24
	6XNAUS12-6CG-PV4	6/C	12	0.030	0.8	0.060	1.5	0.568	14.4	248	369	313	142	5.1	130	24
	6XNAUS12-7CG-PV4	7/C	12	0.030	0.8	0.060	1.5	0.596	15.1	279	416	365	166	5.4	136	21
	6XNAUS12-8CG-PV4	8/C	12	0.030	0.8	0.060	1.5	0.641	16.3	313	465	417	189	5.8	147	21
	6XNAUS12-9CG-PV4	9/C	12	0.030	0.8	0.060	1.5	0.664	16.9	343	511	469	213	6.0	152	21
	6XNAUS12-10CG-PV4	10/C	12	0.030	0.8	0.060	1.5	0.692	17.6	375	558	521	236	6.2	158	21
	6XNAUS12-11CG-PV4	11/C	12	0.030	0.8	0.060	1.5	0.718	18.2	406	604	573	260	6.5	164	21
	6XNAUS12-12CG-PV4	12/C	12	0.030	0.8	0.060	1.5	0.744	18.9	437	650	625	283	6.7	170	21
	6XNAUS12-15CG-PV4	15/C	12	0.030	0.8	0.080	2.0	0.870	22.1	565	840	781	354	7.8	199	21
	6XNAUS12-20CG-PV4	20/C	12	0.030	0.8	0.080	2.0	0.983	25.0	722	1075	1042	473	8.8	225	21
	6XNAUS12-25CG-PV4	25/C	12	0.030	0.8	0.080	2.0	1.089	27.7	879	1308	1302	591	9.8	249	18
	6XNAUS12-30CG-PV4	30/C	12	0.030	0.8	0.080	2.0	1.151	29.2	1028	1530	1563	709	10.4	263	18
	6XNAUS12-40CG-PV4	40/C	12	0.030	0.8	0.080	2.0	1.286	32.7	1328	1976	2084	945	11.6	294	18
	6XNAUS12-50CG-PV4	50/C	12	0.030	0.8	0.080	2.0	1.428	36.3	1629	2424	2605	1182	12.9	326	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. 239, Control and instrumentation cables (Type CIC)
- 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, 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. Low Acid Gas, AG14.

Conductor Stranded Soft Copper, ASTM B8

Insulation Cross-linked Polyethylene (XLPE)
CSA Type XL 90°C wet, 105°C dry 600V

Bonding

Stranded Soft Copper, ASTM B8, XLPE Insulated (Green)

Jacket

Low Acid Gas (LAG) Polyvinyl Chloride (PVC)

Colour Code

2C Black & White, 3C Black, Red & Blue, 4C Black, Red, Blue & White, 5C - 50C Black with White 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 and direct burial.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).

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