



12 AWG CIC 600V CSA FT4 TC-ER

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	A
	6XNAUS12-2CG-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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-P4E	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 Exposed Run (Type TC-ER)
- 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, 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

