



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		
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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 (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 dry/wet 600V

Bonding Green Insulated Stranded Bare Soft Copper, ASTM B8

Jacket Low Acid Gas (LAG) Polyvinyl Chloride (PVC)

Colour Code Black, White, Red and Blue or
Black with White printed number

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).
- 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

