



12 AWG CIC CONTROL 600V CSA FT4-ST1 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-NHT	2/C	14	0.030	0.8	0.045	1.1	0.411	10.4	107	160	104	47	3.7	94	30		
6XNAUS12-3CG-NHT	3/C	14	0.030	0.8	0.045	1.1	0.434	11.0	137	204	156	71	3.9	99	30		
6XNAUS12-4CG-NHT	4/C	14	0.030	0.8	0.045	1.1	0.473	12.0	168	250	208	95	4.3	108	24		
6XNAUS12-5CG-NHT	5/C	14	0.030	0.8	0.060	1.5	0.547	13.9	218	325	260	118	4.9	125	24		
6XNAUS12-6CG-NHT	6/C	14	0.030	0.8	0.060	1.5	0.565	14.3	249	370	313	142	5.1	129	24		
6XNAUS12-7CG-NHT	7/C	14	0.030	0.8	0.060	1.5	0.592	15.0	280	417	365	165	5.3	135	21		
6XNAUS12-8CG-NHT	8/C	14	0.030	0.8	0.060	1.5	0.637	16.2	314	467	417	189	5.7	146	21		
6XNAUS12-9CG-NHT	9/C	14	0.030	0.8	0.060	1.5	0.660	16.8	345	513	469	213	5.9	151	21		
6XNAUS12-10CG-NHT	10/C	14	0.030	0.8	0.060	1.5	0.689	17.5	377	560	521	236	6.2	157	21		
6XNAUS12-11CG-NHT	11/C	14	0.030	0.8	0.060	1.5	0.715	18.1	408	607	573	260	6.4	163	21		
6XNAUS12-12CG-NHT	12/C	14	0.030	0.8	0.060	1.5	0.740	18.8	439	654	625	284	6.7	169	21		
6XNAUS12-15CG-NHT	15/C	14	0.030	0.8	0.080	2.0	0.866	22.0	568	845	781	354	7.8	198	21		
6XNAUS12-20CG-NHT	20/C	14	0.030	0.8	0.080	2.0	0.980	24.9	727	1082	1042	473	8.8	224	21		
6XNAUS12-25CG-NHT	25/C	14	0.030	0.8	0.080	2.0	1.086	27.6	885	1318	1302	591	9.8	248	18		
6XNAUS12-30CG-NHT	30/C	14	0.030	0.8	0.080	2.0	1.151	29.2	1039	1547	1563	709	10.4	263	18		
6XNAUS12-40CG-NHT	40/C	14	0.030	0.8	0.080	2.0	1.286	32.7	1343	1999	2084	945	11.6	294	18		
6XNAUS12-50CG-NHT	50/C	14	0.030	0.8	0.080	2.0	1.428	36.3	1649	2454	2605	1181	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-ST1/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14), Halogen-Free

Conductor Stranded Soft Copper, ASTM B8
Insulation Cross-linked Polyethylene (XLPE)
 CSA Type XL 105°C dry, 90°C wet 600V,
 Halogen-Free

Bonding Stranded Soft Copper, ASTM B8, XLPE Insulated (Green)
Jacket Thermoplastic Flame Retardant LSZH Compound
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).