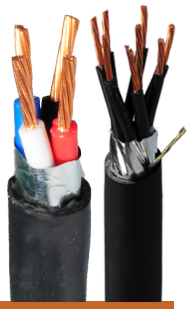
CIC
Copper 600V

ElectroControl®



CIC | FLAME RATING | LOW TEMP | HIGH TEMP | UV RESISTANT | WET LOCATION | CHEMICAL RESISTANT | OIL RESISTANT | IMPACT RESISTANT | EXPOSED RUN | DIRECT BURIAL | TRAY CABLE | HAZARDOUS LOCATION

12 AWG CIC CSA FT4 TC-ER

12 AWG

Part No.	Conductor Count	Insulation Thickness		Jacket Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
		in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	A
6XNAOS12-2C-P4E	2/C	0.030	0.8	0.045	1.1	0.4	10.15	92	137	104	47	3.6	91	30
6XNAOS12-3C-P4E	3/C	0.030	0.8	0.045	1.1	0.422	10.726	121	181	156	71	3.8	96	30
6XNAOS12-4C-P4E	4/C	0.030	0.8	0.045	1.1	0.462	11.724	152	227	208	94	4.2	106	24
6XNAOS12-5C-P4E	5/C	0.030	0.8	0.045	1.1	0.507	12.889	188	279	260	118	4.6	116	24
6XNAOS12-6C-P4E	6/C	0.030	0.8	0.06	1.5	0.556	14.112	233	347	313	142	5.0	127	24
6XNAOS12-7C-P4E	7/C	0.030	0.8	0.06	1.5	0.583	14.803	265	394	365	166	5.2	133	21
6XNAOS12-8C-P4E	8/C	0.030	0.8	0.06	1.5	0.628	15.955	298	444	417	189	5.7	144	21
6XNAOS12-9C-P4E	9/C	0.030	0.8	0.06	1.5	0.651	16.531	329	490	469	213	5.9	149	21
6XNAOS12-10C-P4E	10/C	0.030	0.8	0.06	1.5	0.68	17.261	360	536	521	236	6.1	155	21
6XNAOS12-11C-P4E	11/C	0.030	0.8	0.06	1.5	0.705	17.914	392	583	573	260	6.3	161	21
6XNAOS12-12C-P4E	12/C	0.030	0.8	0.06	1.5	0.731	18.567	423	629	625	283	6.6	167	21
6XNAOS12-15C-P4E	15/C	0.030	0.8	0.06	1.5	0.817	20.756	517	770	781	354	7.4	187	21
6XNAOS12-20C-P4E	20/C	0.030	0.8	0.08	2.0	0.971	24.652	709	1055	1042	473	8.7	222	21
6XNAOS12-25C-P4E	25/C	0.030	0.8	0.08	2.0	1.076	27.341	866	1288	1302	591	9.7	246	18
6XNAOS12-30C-P4E	30/C	0.030	0.8	0.08	2.0	1.138	28.915	1015	1510	1563	709	10.2	260	18
6XNAOS12-40C-P4E	40/C	0.030	0.8	0.08	2.0	1.273	32.333	1315	1958	2084	945	11.5	291	18
6XNAOS12-50C-P4E	50/C	0.030	0.8	0.08	2.0	1.415	35.943	1617	2407	2605	1182	12.7	323	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

Shielding Overall Aluminum Mylar Shield with Tinned Copper Drain Wire

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).

RoHS COMPLIANT | REACH COMPLIANCE | intertek | SCAN or CLICK

Made In Canada

CUSTOM ORDER OPTIONS

FT4 ST1 FLAME RATING | LIMITED SMOKE | HALOGEN FREE | TC TRAY CABLE

Electro cables