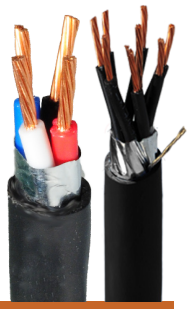
CIC
Copper 600V

ElectroControl®



CIC | FT4 FLAME RATING | -40°C LOW TEMP | +90°C HIGH TEMP | UV RESISTANT | WET LOCATION | CHEMICAL RESISTANT | OIL RESISTANT | IMPACT RESISTANT | EXPOSED RUN | DIRECT BURIAL | TC ER TRAY CABLE (TC-ER)

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 2021, 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 Extended Run
- CSA C22.2 No. 2556 FT4, IEEE 1202/UL 1685 Vertical-Tray Flame Test
- -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 Insulation (XLPE) CSA Type XL 90°C dry/wet 600V

Shielding Overall Aluminum Mylar Shield with Tinned Copper Drain Wire

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

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

Applications

- For wet and dry locations.
- For use in raceways, including cable trays, Ventilated, non-ventilated, ladder tray and direct burial.
- To be used for exposed and concealed wiring or where subjected to the weather.
- For Hazardous Locations Class I-Zone 0 Intrinsically safe Div. 2, Class II-Zone 2 Div. 2 and Class III-Div. 2.
- Cables marked TC-ER tray cable are permitted to transition between cable trays, and utilization equipment or devices as per CE Code Part I 12-2202 2) and 3).

RoHS COMPLIANT | REACH COMPLIANCE | intertek | Made In Canada

SCAN or CLICK

CUSTOM ORDER OPTIONS

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

Electro cables