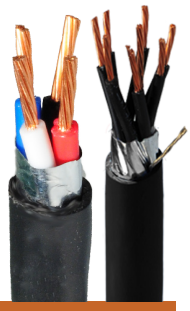
CIC

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

10 AWG CIC 600V CSA FT4 TC-ER

10 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
6XNAOS10-2C-P4E	2/C	0.030	0.8	0.045	1.1	0.445	11.308	123	183	166	75	4.0	102	40
6XNAOS10-3C-P4E	3/C	0.030	0.8	0.045	1.1	0.471	11.971	167	248	249	113	4.2	108	40
6XNAOS10-4C-P4E	4/C	0.030	0.8	0.06	1.5	0.549	13.933	229	340	332	151	4.9	126	32
6XNAOS10-5C-P4E	5/C	0.030	0.8	0.06	1.5	0.599	15.215	280	416	415	188	5.4	137	32
6XNAOS10-6C-P4E	6/C	0.030	0.8	0.06	1.5	0.62	15.745	324	482	498	226	5.6	142	32
6XNAOS10-7C-P4E	7/C	0.030	0.8	0.06	1.5	0.651	16.54	370	550	581	264	5.9	149	28
6XNAOS10-8C-P4E	8/C	0.030	0.8	0.06	1.5	0.703	17.866	418	622	664	301	6.3	161	28
6XNAOS10-9C-P4E	9/C	0.030	0.8	0.06	1.5	0.73	18.529	463	689	747	339	6.6	167	28
6XNAOS10-10C-P4E	10/C	0.030	0.8	0.06	1.5	0.763	19.369	509	757	830	377	6.9	174	28
6XNAOS10-11C-P4E	11/C	0.030	0.8	0.06	1.5	0.792	20.12	554	824	913	414	7.1	181	28
6XNAOS10-12C-P4E	12/C	0.030	0.8	0.08	2.0	0.862	21.888	633	942	996	452	7.8	197	28
6XNAOS10-15C-P4E	15/C	0.030	0.8	0.08	2.0	0.961	24.407	774	1152	1245	565	8.6	220	28
6XNAOS10-20C-P4E	20/C	0.030	0.8	0.08	2.0	1.091	27.722	1004	1494	1660	753	9.8	249	28
6XNAOS10-25C-P4E	25/C	0.030	0.8	0.08	2.0	1.213	30.815	1232	1834	2075	941	10.9	277	24
6XNAOS10-30C-P4E	30/C	0.030	0.8	0.08	2.0	1.285	32.627	1452	2161	2490	1130	11.6	294	24
6XNAOS10-40C-P4E	40/C	0.030	0.8	0.08	2.0	1.439	36.561	1893	2818	3320	1506	13.0	329	24
6XNAOS10-50C-P4E	50/C	0.030	0.8	0.08	2.0	1.601	40.664	2333	3472	4150	1883	14.4	366	20

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 dry/wet 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 | Made In Canada | SCAN or CLICK

CUSTOM ORDER OPTIONS

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

Electro cables