



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	
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 (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 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

