



10 AWG CIC 600V CSA FT4 TC

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-PV4	2/C	0.030	0.8	0.045	1.1	0.445	11.3	123	183	166	75	4.0	102	40
	6XNAOS10-3C-PV4	3/C	0.030	0.8	0.045	1.1	0.471	12.0	167	248	249	113	4.2	108	40
	6XNAOS10-4C-PV4	4/C	0.030	0.8	0.060	1.5	0.549	13.9	229	340	332	151	4.9	126	32
	6XNAOS10-5C-PV4	5/C	0.030	0.8	0.060	1.5	0.599	15.2	280	416	415	188	5.4	137	32
	6XNAOS10-6C-PV4	6/C	0.030	0.8	0.060	1.5	0.620	15.7	324	482	498	226	5.6	142	32
	6XNAOS10-7C-PV4	7/C	0.030	0.8	0.060	1.5	0.651	16.5	370	550	581	264	5.9	149	28
	6XNAOS10-8C-PV4	8/C	0.030	0.8	0.060	1.5	0.703	17.9	418	622	664	301	6.3	161	28
	6XNAOS10-9C-PV4	9/C	0.030	0.8	0.060	1.5	0.730	18.5	463	689	747	339	6.6	167	28
	6XNAOS10-10C-PV4	10/C	0.030	0.8	0.060	1.5	0.763	19.4	509	757	830	377	6.9	174	28
	6XNAOS10-11C-PV4	11/C	0.030	0.8	0.060	1.5	0.792	20.1	554	824	913	414	7.1	181	28
	6XNAOS10-12C-PV4	12/C	0.030	0.8	0.080	2.0	0.862	21.9	633	942	996	452	7.8	197	28
	6XNAOS10-15C-PV4	15/C	0.030	0.8	0.080	2.0	0.961	24.4	774	1152	1245	565	8.6	220	28
	6XNAOS10-20C-PV4	20/C	0.030	0.8	0.080	2.0	1.091	27.7	1004	1494	1660	753	9.8	249	28
	6XNAOS10-25C-PV4	25/C	0.030	0.8	0.080	2.0	1.213	30.8	1232	1834	2075	941	10.9	277	24
	6XNAOS10-30C-PV4	30/C	0.030	0.8	0.080	2.0	1.285	32.6	1452	2161	2490	1130	11.6	294	24
	6XNAOS10-40C-PV4	40/C	0.030	0.8	0.080	2.0	1.439	36.6	1893	2818	3320	1506	13.0	329	24
	6XNAOS10-50C-PV4	50/C	0.030	0.8	0.080	2.0	1.601	40.7	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 (Standard TC rated. TC-ER Optional)
- 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 and direct burial.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).

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