



10 AWG CIC CONTROL 600V CSA FT4-ST1 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-NHT	2/C	0.030	0.8	0.045	1.1	0.442	11.2	123	183	166	75	5.3	135	40
	6XNAOS10-3C-NHT	3/C	0.030	0.8	0.045	1.1	0.468	11.9	167	249	249	113	5.6	143	40
	6XNAOS10-4C-NHT	4/C	0.030	0.8	0.06	1.5	0.515	13.1	214	318	332	151	6.2	157	32
	6XNAOS10-5C-NHT	5/C	0.030	0.8	0.06	1.5	0.595	15.1	282	419	415	188	7.1	181	32
	6XNAOS10-6C-NHT	6/C	0.030	0.8	0.06	1.5	0.616	15.7	327	486	498	226	7.4	188	32
	6XNAOS10-7C-NHT	7/C	0.030	0.8	0.06	1.5	0.648	16.4	373	555	581	264	7.8	197	28
	6XNAOS10-8C-NHT	8/C	0.030	0.8	0.06	1.5	0.700	17.8	422	628	664	301	8.4	213	28
	6XNAOS10-9C-NHT	9/C	0.030	0.8	0.06	1.5	0.726	18.4	468	696	747	339	8.7	221	28
	6XNAOS10-10C-NHT	10/C	0.030	0.8	0.06	1.5	0.759	19.3	514	766	830	377	9.1	231	28
	6XNAOS10-11C-NHT	11/C	0.030	0.8	0.06	1.5	0.789	20.0	561	834	913	414	9.5	240	28
	6XNAOS10-12C-NHT	12/C	0.030	0.8	0.08	2.0	0.818	20.8	607	903	996	452	9.8	249	28
	6XNAOS10-15C-NHT	15/C	0.030	0.8	0.08	2.0	0.957	24.3	784	1166	1245	565	11.5	292	28
	6XNAOS10-20C-NHT	20/C	0.030	0.8	0.08	2.0	1.088	27.6	1018	1514	1660	753	13.1	332	28
	6XNAOS10-25C-NHT	25/C	0.030	0.8	0.08	2.0	1.213	30.8	1253	1864	2075	941	14.6	370	24
	6XNAOS10-30C-NHT	30/C	0.030	0.8	0.08	2.0	1.285	32.6	1477	2198	2490	1130	15.4	392	24
	6XNAOS10-40C-NHT	40/C	0.030	0.8	0.08	2.0	1.439	36.6	1928	2869	3320	1506	17.3	439	24
	6XNAOS10-50C-NHT	50/C	0.030	0.8	0.08	2.0	1.601	40.7	2377	3537	4150	1883	19.2	488	20

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 Exposed Run (Type TC-ER)
- CSA C22.2 No. 2556 FT4-ST1/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14)

Conductor Stranded Soft Copper, ASTM B8
Insulation Cross-linked Polyethylene Insulation (XLPE)
 CSA Type XL 105°C dry, 90°C wet 600V

Shielding Overall Aluminum Mylar Shield with Tinned Copper Drain Wire

Jacket Thermoplastic Low Smoke Zero Halogen

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).
- Cables marked TC-ER tray cable are permitted for exposed runs as per CE Code Part I 12-2202 3) and 4).

