



14 AWG CIC 600V CSA FT4 TC-ER

14 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	
	6XNAOS14-2C-P4E	2/C	0.030	0.8	0.045	1.1	0.361	9.174	70	105	68	31	3.2	83	25
	6XNAOS14-3C-P4E	3/C	0.030	0.8	0.045	1.1	0.381	9.677	91	135	102	46	3.4	87	25
	6XNAOS14-4C-P4E	4/C	0.030	0.8	0.045	1.1	0.415	10.549	112	167	137	62	3.7	95	20
	6XNAOS14-5C-P4E	5/C	0.030	0.8	0.045	1.1	0.454	11.521	136	203	171	77	4.1	104	20
	6XNAOS14-6C-P4E	6/C	0.030	0.8	0.045	1.1	0.469	11.924	157	233	205	93	4.2	107	20
	6XNAOS14-7C-P4E	7/C	0.030	0.8	0.045	1.1	0.495	12.578	179	266	239	108	4.5	113	17
	6XNAOS14-8C-P4E	8/C	0.030	0.8	0.06	1.5	0.565	14.346	218	324	273	124	5.1	129	17
	6XNAOS14-9C-P4E	9/C	0.030	0.8	0.06	1.5	0.585	14.849	239	356	307	139	5.3	134	17
	6XNAOS14-10C-P4E	10/C	0.030	0.8	0.06	1.5	0.61	15.486	261	389	342	155	5.5	139	17
	6XNAOS14-11C-P4E	11/C	0.030	0.8	0.06	1.5	0.632	16.056	283	421	376	170	5.7	144	17
	6XNAOS14-12C-P4E	12/C	0.030	0.8	0.06	1.5	0.655	16.626	304	453	410	186	5.9	150	17
	6XNAOS14-15C-P4E	15/C	0.030	0.8	0.06	1.5	0.73	18.537	370	551	512	232	6.6	167	17
	6XNAOS14-20C-P4E	20/C	0.030	0.8	0.08	2.0	0.869	22.068	511	760	683	310	7.8	199	17
	6XNAOS14-25C-P4E	25/C	0.030	0.8	0.08	2.0	0.961	24.414	620	923	854	387	8.6	220	15
	6XNAOS14-30C-P4E	30/C	0.030	0.8	0.08	2.0	1.015	25.789	723	1076	1025	465	9.1	232	15
	6XNAOS14-40C-P4E	40/C	0.030	0.8	0.08	2.0	1.133	28.773	930	1385	1367	620	10.2	259	15
	6XNAOS14-50C-P4E	50/C	0.030	0.8	0.08	2.0	1.257	31.925	1139	1695	1708	775	11.3	287	12

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 wet, 105°C dry 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).

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