



14 AWG CIC 600V CSA FT4 TC

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-PV4	2/C	0.030	0.8	0.045	1.1	0.361	9.2	70	105	68	31	3.2	83	25
	6XNAOS14-3C-PV4	3/C	0.030	0.8	0.045	1.1	0.381	9.7	91	135	102	46	3.4	87	25
	6XNAOS14-4C-PV4	4/C	0.030	0.8	0.045	1.1	0.415	10.5	112	167	137	62	3.7	95	20
	6XNAOS14-5C-PV4	5/C	0.030	0.8	0.045	1.1	0.454	11.5	136	203	171	77	4.1	104	20
	6XNAOS14-6C-PV4	6/C	0.030	0.8	0.045	1.1	0.469	11.9	157	233	205	93	4.2	107	20
	6XNAOS14-7C-PV4	7/C	0.030	0.8	0.045	1.1	0.495	12.6	179	266	239	108	4.5	113	17
	6XNAOS14-8C-PV4	8/C	0.030	0.8	0.06	1.5	0.565	14.3	218	324	273	124	5.1	129	17
	6XNAOS14-9C-PV4	9/C	0.030	0.8	0.06	1.5	0.585	14.8	239	356	307	139	5.3	134	17
	6XNAOS14-10C-PV4	10/C	0.030	0.8	0.06	1.5	0.610	15.5	261	389	342	155	5.5	139	17
	6XNAOS14-11C-PV4	11/C	0.030	0.8	0.06	1.5	0.632	16.1	283	421	376	170	5.7	144	17
	6XNAOS14-12C-PV4	12/C	0.030	0.8	0.06	1.5	0.655	16.6	304	453	410	186	5.9	150	17
	6XNAOS14-15C-PV4	15/C	0.030	0.8	0.06	1.5	0.730	18.5	370	551	512	232	6.6	167	17
	6XNAOS14-20C-PV4	20/C	0.030	0.8	0.08	2.0	0.869	22.1	511	760	683	310	7.8	199	17
	6XNAOS14-25C-PV4	25/C	0.030	0.8	0.08	2.0	0.961	24.4	620	923	854	387	8.6	220	15
	6XNAOS14-30C-PV4	30/C	0.030	0.8	0.08	2.0	1.015	25.8	723	1076	1025	465	9.1	232	15
	6XNAOS14-40C-PV4	40/C	0.030	0.8	0.08	2.0	1.133	28.8	930	1385	1367	620	10.2	259	15
	6XNAOS14-50C-PV4	50/C	0.030	0.8	0.08	2.0	1.257	31.9	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 (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

Bonding

Green Insulated Stranded Bare Soft Copper, ASTM B8

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).