



16 AWG CIC INSTRUMENTATION 600V CSA FT4 TC-ER

Pairs	Part No.	Number of Pairs	Insulation Thickness		Jacket Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	6XNAOS16-1PR-P4E	1	0.030	0.8	0.045	1.1	0.328	8.3	55	82	26	12	3.9	100
	6XNAISOS16-2PR-P4E	2	0.030	0.8	0.060	1.5	0.606	15.4	132	196	52	23	7.3	185
	6XNAISOS16-3PR-P4E	3	0.030	0.8	0.060	1.5	0.641	16.3	167	249	78	35	7.7	195
	6XNAISOS16-4PR-P4E	4	0.030	0.8	0.060	1.5	0.703	17.9	205	305	104	47	8.4	214
	6XNAISOS16-6PR-P4E	6	0.030	0.8	0.060	1.5	0.801	20.3	277	413	155	70	9.6	244
	6XNAISOS16-8PR-P4E	8	0.030	0.8	0.080	2.0	0.955	24.3	389	579	207	94	11.5	291
	6XNAISOS16-12PR-P4E	12	0.030	0.8	0.080	2.0	1.117	28.4	536	797	311	141	13.4	340

Triads	Part No.	Number of Triads	Insulation Thickness		Jacket Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	6XNAOS16-1TR-P4E	1	0.030	0.8	0.045	1.1	0.346	8.8	70	103	39	18	4.2	105
	6XNAISOS16-2TR-P4E	2	0.030	0.8	0.060	1.5	0.641	16.3	164	244	78	35	7.7	195
	6XNAISOS16-4TR-P4E	4	0.030	0.8	0.060	1.5	0.820	20.8	273	406	155	70	9.8	250
	6XNAISOS16-6TR-P4E	6	0.030	0.8	0.080	2.0	1.013	25.7	419	623	233	106	12.2	309
	6XNAISOS16-8TR-P4E	8	0.030	0.8	0.080	2.0	1.144	29.1	527	784	311	141	13.7	349

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 tinned soft copper, ASTM B8, B33

Insulation Cross-linked Polyethylene (XLPE)
CSA Type XL 90°C dry/wet 600V

Shielding

Individual and Overall Aluminum Mylar Shield with Tinned Copper Drain Wires

Jacket

Low Acid Gas (LAG) Polyvinyl Chloride (PVC)

Colour Code

Black and White Pairs or
Black, White and Red Triads

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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