



Tinned Copper
FT4-ST1 600V

ElectroSignal®



16 AWG CIC INSTRUMENTATION 600V CSA FT4-ST1 TC-ER

Pairs	Part No.	Number of Pairs	Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	6XNAOS16-1PR-NHT	1	0.328	8.3	55	82	41	19	3.9	100
	6XNAISOS16-2PR-NHT	2	0.602	15.3	129	192	83	37	7.2	183
	6XNAISOS16-3PR-NHT	3	0.638	16.2	164	244	124	56	7.7	194
	6XNAISOS16-4PR-NHT	4	0.700	17.8	202	300	165	75	8.4	213
	6XNAISOS16-6PR-NHT	6	0.797	20.3	273	407	248	112	9.6	243
	6XNAISOS16-8PR-NHT	8	0.952	24.2	384	571	330	150	11.4	290
	6XNAISOS16-12PR-NHT	12	1.114	28.3	530	788	495	225	13.4	339
	6XNAISOS16-24PR-NHT	24	1.596	40.5	967	1438	991	449	19.2	487

Triads	Part No.	Number of Triads	Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	6XNAOS16-1TR-NHT	1	0.346	8.8	69	103	62	28	4.2	105
	6XNAISOS16-2TR-NHT	2	0.637	16.2	161	239	124	56	7.6	194
	6XNAISOS16-4TR-NHT	4	0.816	20.7	269	400	248	112	9.8	249
	6XNAISOS16-6TR-NHT	6	1.010	25.7	413	615	372	169	12.1	308
	6XNAISOS16-8TR-NHT	8	1.144	29.1	523	779	495	225	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
- NFPA 130 Smoke and Flame requirements
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14), Halogen-Free

Conductor Stranded tinned soft copper, ASTM B8, B33

Insulation Cross-linked Polyethylene (XLPE)
CSA Type XL 105°C dry, 90°C wet 600V,
Halogen-Free

Shielding Individual and Overall Aluminum Mylar Shield with Tinned Copper Drain Wires

Jacket Thermoplastic Flame Retardant LSZH Compound

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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