



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-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), Halogen-Free

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

Shielding Individual and Overall Shield with Tinned Copper Drain Wires
Jacket Thermoplastic Low Smoke Zero Halogen
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 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).



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