



Tinned Copper
FT4-ST1 300V

ElectroSignal®



16 AWG CIC INSTRUMENTATION 300V 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
	3XNAOS16-1PR-NHT	1	0.268	6.8	44	65	41	19	3.2	82
	3XNAISOS16-2PR-NHT	2	0.450	11.4	88	131	83	37	5.4	137
	3XNAISOS16-3PR-NHT	3	0.479	12.2	116	173	124	56	5.7	146
	3XNAISOS16-4PR-NHT	4	0.555	14.1	161	239	165	75	6.7	169
	3XNAISOS16-6PR-NHT	6	0.628	16.0	218	324	248	112	7.5	191
	3XNAISOS16-8PR-NHT	8	0.714	18.1	277	412	330	150	8.6	218
	3XNAISOS16-12PR-NHT	12	0.875	22.2	422	628	495	225	10.5	267
	3XNAISOS16-24PR-NHT	24	1.238	31.5	772	1149	991	449	14.9	377

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
	3XNAOS16-1TR-NHT	1	0.281	7.1	55	82	62	28	3.4	86
	3XNAISOS16-2TR-NHT	2	0.478	12.1	113	168	124	56	5.7	146
	3XNAISOS16-4TR-NHT	4	0.642	16.3	213	317	248	112	7.7	196
	3XNAISOS16-6TR-NHT	6	0.757	19.2	296	440	372	169	9.1	231
	3XNAISOS16-8TR-NHT	8	0.895	22.7	412	613	495	225	10.7	273

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 300V,
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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