



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-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

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).

Conductor

Stranded Soft Copper, ASTM B8

Insulation

Cross-linked Polyethylene (XLPE)
CSA Type XL 105°C dry, 90°C wet 300V



Made In Canada

