



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. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 239, Control and instrumentation cables (Type CIC)
- CSA C22.2 No. 230, Tray Cables Exposed Run (Type TC-ER)
- CSA C22.2 No. 2556 FT4-ST1 IEEE 1202/UL 1685
- NFPA 130 Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14)

**Conductor** Stranded Soft Copper, ASTM B8  
**Insulation** Cross-linked Polyethylene Insulation (XLPE)  
 CSA Type XL 105°C dry, 90°C wet 300V  
**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 wet and dry locations.
- For use in raceways, including cable trays, Ventilated, non-ventilated, ladder tray and direct burial.
- To be used for exposed wiring where subjected to the weather.
- For Hazardous Locations (HL) Class I-Zone 0 Intrinsically safe Div. 2, Class II-Div. 2 and Class III-Div. 2 as per CE Code Part I J18-152, J18-254 and J18-354.
- Cables marked TC-ER tray cable are permitted for exposed runs as per CE Code Part I 12-2202 3) and 4).



Made In Canada

