



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
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
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. 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)

**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).

<b>Conductor</b>	Stranded Soft Copper, ASTM B8
<b>Insulation</b>	Cross-linked Polyethylene Insulation (XLPE) CSA Type XL 105°C dry, 90°C wet 300V
<b>Shielding</b>	Individual and Overall Shield with Tinned Copper Drain Wires
<b>Jacket</b>	Thermoplastic Low Smoke Zero Halogen



Made In Canada

