



Tinned Copper  
FT4-ST1 600V

# ElectroSignal®



## 18 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
	6XNAOS18-1PR-NHT	1	0.304	7.7	45	67	26	12	3.7	93
	6XNAISOS18-2PR-NHT	2	0.554	14.1	108	161	52	23	6.6	169
	6XNAISOS18-3PR-NHT	3	0.586	14.9	135	201	78	35	7.0	179
	6XNAISOS18-4PR-NHT	4	0.642	16.3	164	244	104	47	7.7	196
	6XNAISOS18-6PR-NHT	6	0.730	18.5	219	327	155	70	8.8	222
	6XNAISOS18-8PR-NHT	8	0.872	22.2	311	462	207	94	10.5	266
	6XNAISOS18-12PR-NHT	12	1.018	25.9	423	630	311	141	12.2	310
	6XNAISOS18-24PR-NHT	24	1.103	28.01	520	773	621	282	15.4	392

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
	6XNAOS18-1TR-NHT	1	0.320	8.1	56	83	39	18	3.8	98
	6XNAISOS18-2TR-NHT	2	0.586	14.9	132	196	78	35	7.0	179
	6XNAISOS18-4TR-NHT	4	0.747	19.0	215	320	155	70	9.0	228
	6XNAISOS18-6TR-NHT	6	0.925	23.5	331	493	233	106	11.1	282
	6XNAISOS18-8TR-NHT	8	1.042	26.5	414	616	311	141	12.5	318

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 (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 Soft Copper, ASTM B8

### Insulation

Cross-linked Polyethylene (XLPE)  
CSA Type XL 105°C dry, 90°C wet 600V,  
Halogen-Free

### Shielding

Individual and Overall Aluminum Mylar 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, direct burial, exposed and concealed wiring.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).



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