



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. 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).

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



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