



Tinned Copper
FT4-ST1 300V

ElectroSignal®



18 AWG CIC INSTRUMENTATION 300V CSA FT4-ST1 TC-ER

Pairs	Part No.	Number of Pairs	Insulation Thickness		Jacket Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	3XNAOS18-1PR-NHT	1	0.015	0.4	0.045	1.1	0.244	6.2	35	52	26	12	2.9	74
	3XNAISOS18-2PR-NHT	2	0.015	0.4	0.045	1.1	0.402	10.2	70	104	52	23	4.8	123
	3XNAISOS18-3PR-NHT	3	0.015	0.4	0.045	1.1	0.425	10.8	90	134	78	35	5.1	130
	3XNAISOS18-4PR-NHT	4	0.015	0.4	0.045	1.1	0.465	11.8	111	165	104	47	5.6	142
	3XNAISOS18-6PR-NHT	6	0.015	0.4	0.060	1.5	0.560	14.2	168	250	155	70	6.7	171
	3XNAISOS18-8PR-NHT	8	0.015	0.4	0.060	1.5	0.634	16.1	212	315	207	94	7.6	193
	3XNAISOS18-12PR-NHT	12	0.015	0.4	0.060	1.5	0.739	18.8	293	436	311	141	8.9	225

Triads	Part No.	Number of Triads	Insulation Thickness		Jacket Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	3XNAOS18-1TR-NHT	1	0.015	0.4	0.045	1.1	0.256	6.5	43	63	39	18	3.1	78
	3XNAISOS18-2TR-NHT	2	0.015	0.4	0.045	1.1	0.425	10.8	87	129	78	35	5.1	129
	3XNAISOS18-4TR-NHT	4	0.015	0.4	0.060	1.5	0.573	14.5	163	243	155	70	6.9	175
	3XNAISOS18-6TR-NHT	6	0.015	0.4	0.060	1.5	0.672	17.1	223	332	233	106	8.1	205
	3XNAISOS18-8TR-NHT	8	0.015	0.4	0.060	1.5	0.756	19.2	282	420	311	141	9.1	231

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

