



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
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
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 Flame Retardant LSZH Compound

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).