



18 AWG INSTRUMENTATION 600V CSA FT4 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
	6XNAOS18-1PR-P4E	1	0.030	0.8	0.045	1.1	0.304	7.7	45	68	26	12	3.6	93
	6XNAISOS18-2PR-P4E	2	0.030	0.8	0.060	1.5	0.558	14.2	111	165	52	23	6.7	170
	6XNAISOS18-3PR-P4E	3	0.030	0.8	0.060	1.5	0.590	15.0	138	205	78	35	7.1	180
	6XNAISOS18-4PR-P4E	4	0.030	0.8	0.060	1.5	0.645	16.4	167	249	104	47	7.7	197
	6XNAISOS18-6PR-P4E	6	0.030	0.8	0.060	1.5	0.733	18.6	223	332	155	70	8.8	223
	6XNAISOS18-8PR-P4E	8	0.030	0.8	0.080	2.0	0.876	22.3	315	469	207	94	10.5	267
	6XNAISOS18-12PR-P4E	12	0.030	0.8	0.080	2.0	1.022	26.0	429	638	311	141	12.3	312

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
	6XNAOS18-1TR-P4E	1	0.030	0.8	0.045	1.1	0.320	8.1	56	83	39	18	3.8	98
	6XNAISOS18-2TR-P4E	2	0.030	0.8	0.060	1.5	0.589	15.0	135	200	78	35	7.1	180
	6XNAISOS18-4TR-P4E	4	0.030	0.8	0.060	1.5	0.750	19.1	219	326	155	70	9.0	229
	6XNAISOS18-6TR-P4E	6	0.030	0.8	0.080	2.0	0.928	23.6	336	500	233	106	11.1	283
	6XNAISOS18-8TR-P4E	8	0.030	0.8	0.080	2.0	1.046	26.6	419	624	311	141	12.6	319

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 (Type 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
- 40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, SUN RES. Low Acid Gas, AG14.

Conductor Stranded tinned soft copper, ASTM B8, B33

Insulation Cross-linked Polyethylene (XLPE)
CSA Type XL 90°C wet/dry 600V

Shielding

Individual and Overall Aluminum Mylar Shield with Tinned Copper Drain Wires

Jacket

Low Acid Gas (LAG) Polyvinyl Chloride (PVC)

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).
- Cables marked TC-ER tray cable are permitted for exposed runs as per CE Code Part I 12-2202 3) and 4).

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