



18 AWG INSTRUMENTATION 300V 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
	3XNAOS18-1PR-P4E	1	0.025	0.6	0.045	1.1	0.295	7.5	44	65	26	12	2.9	74
	3XNAISOS18-2PR-P4E	2	0.025	0.6	0.045	1.1	0.500	12.7	88	132	52	23	4.9	124
	3XNAISOS18-3PR-P4E	3	0.025	0.6	0.045	1.1	0.559	14.2	129	191	78	35	5.1	131
	3XNAISOS18-4PR-P4E	4	0.025	0.6	0.045	1.1	0.563	14.3	149	222	104	47	5.6	143
	3XNAISOS18-6PR-P4E	6	0.025	0.6	0.060	1.5	0.637	16.2	199	297	155	70	6.8	172
	3XNAISOS18-8PR-P4E	8	0.025	0.6	0.060	1.5	0.723	18.4	251	374	207	94	7.7	194
	3XNAISOS18-12PR-P4E	12	0.025	0.6	0.060	1.5	0.906	23.0	386	575	311	141	8.9	226

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-P4E	1	0.025	0.6	0.045	1.1	0.309	7.9	53	79	39	18	3.1	78
	3XNAISOS18-2TR-P4E	2	0.025	0.6	0.045	1.1	0.559	14.2	124	185	78	35	5.1	130
	3XNAISOS18-4TR-P4E	4	0.025	0.6	0.060	1.5	0.708	18.0	201	298	155	70	6.9	176
	3XNAISOS18-6TR-P4E	6	0.025	0.6	0.060	1.5	0.876	22.3	308	459	233	106	8.1	206
	3XNAISOS18-8TR-P4E	8	0.025	0.6	0.060	1.5	0.985	25.0	383	571	311	141	9.1	232

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 dry/wet 300V

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).

CUSTOM ORDER OPTIONS



Made In Canada

