



Tinned Copper
300V

ElectroSignal®



16 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
	3XNAOS16-1PR-P4E	1	0.015	0.4	0.045	1.1	0.268	6.8	44	65	41	19	3.2	82
	3XNAISOS16-2PR-P4E	2	0.015	0.4	0.045	1.1	0.454	11.5	90	134	83	37	5.4	138
	3XNAISOS16-3PR-P4E	3	0.015	0.4	0.045	1.1	0.482	12.3	119	176	124	56	5.8	147
	3XNAISOS16-4PR-P4E	4	0.015	0.4	0.060	1.5	0.559	14.2	164	243	165	75	6.7	170
	3XNAISOS16-6PR-P4E	6	0.015	0.4	0.060	1.5	0.632	16.0	221	329	248	112	7.6	193
	3XNAISOS16-8PR-P4E	8	0.015	0.4	0.060	1.5	0.717	18.2	280	417	330	150	8.6	219
	3XNAISOS16-12PR-P4E	12	0.015	0.4	0.080	2.0	0.878	22.3	426	635	495	225	10.5	268

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
	3XNAOS16-1TR-P4E	1	0.015	0.4	0.045	1.1	0.281	7.1	55	82	62	28	3.4	86
	3XNAISOS16-2TR-P4E	2	0.015	0.4	0.045	1.1	0.482	12.2	115	171	124	56	5.8	147
	3XNAISOS16-4TR-P4E	4	0.015	0.4	0.060	1.5	0.646	16.4	216	322	248	112	7.8	197
	3XNAISOS16-6TR-P4E	6	0.015	0.4	0.060	1.5	0.761	19.3	300	446	372	169	9.1	232
	3XNAISOS16-8TR-P4E	8	0.015	0.4	0.080	2.0	0.898	22.8	416	620	495	225	10.8	274

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



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