



Tinned Copper
300V

ElectroSignal®



16 AWG INSTRUMENTATION 300V CSA FT4 TC

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-PV4	1	0.015	0.4	0.045	1.1	0.268	6.812	44	65	41	19	2.4	61
	3XNAISOS16-2PR-PV4	2	0.015	0.4	0.045	1.1	0.454	11.521	90	134	83	37	4.1	104
	3XNAISOS16-3PR-PV4	3	0.015	0.4	0.045	1.1	0.482	12.251	119	176	124	56	4.3	110
	3XNAISOS16-4PR-PV4	4	0.015	0.4	0.060	1.5	0.559	14.190	164	243	165	75	5.0	128
	3XNAISOS16-6PR-PV4	6	0.015	0.4	0.060	1.5	0.632	16.046	221	329	248	112	5.7	144
	3XNAISOS16-8PR-PV4	8	0.015	0.4	0.060	1.5	0.717	18.218	280	417	330	150	6.5	164
	3XNAISOS16-12PR-PV4	12	0.015	0.4	0.080	2.0	0.878	22.312	426	635	495	225	7.9	201

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-PV4	1	0.015	0.4	0.045	1.1	0.281	7.146	55	82	62	28	2.5	64
	3XNAISOS16-2TR-PV4	2	0.015	0.4	0.045	1.1	0.482	12.240	115	171	124	56	4.3	110
	3XNAISOS16-4TR-PV4	4	0.015	0.4	0.060	1.5	0.646	16.404	216	322	248	112	5.8	148
	3XNAISOS16-6TR-PV4	6	0.015	0.4	0.060	1.5	0.761	19.320	300	446	372	169	6.8	174
	3XNAISOS16-8TR-PV4	8	0.015	0.4	0.080	2.0	0.898	22.814	416	620	495	225	8.1	205

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 (Standard TC rated. TC-ER Optional)
- CSA C22.2 No. 2556 FT4, IEEE 1202/UL 1685 Vertical-Tray Flame Test
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, SUN RES. Low Acid Gas, AG14.

Conductor Stranded Soft Copper, ASTM B8
Insulation Cross-linked Polyethylene Insulation (XLPE)
 CSA Type XL 90°C dry/wet 300V
Shielding Individual and Overall 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 wet and dry locations.
- For use in raceways, including cable trays, Ventilated, non-ventilated, ladder tray and direct burial.
- To be used for exposed and concealed wiring or where subjected to the weather.
- For Hazardous Locations Class I-Zone 0 Intrinsically safe Div. 2, Class II-Zone 2 Div. 2 and Class III-Div. 2.
- Cables marked TC-ER tray cable are permitted to transition between cable trays, and utilization equipment or devices as per CE Code Part I 12-2202 2) and 3).

