CIC

Tinned Copper
300V

ElectroSignal®

CIC | FLAME RATING | LOW TEMP | HIGH TEMP | UV RESISTANT | WET LOCATION | CHEMICAL RESISTANT | OIL RESISTANT | IMPACT RESISTANT | EXPOSED RUN | DIRECT BURIAL | TRAY CABLE (TC-ER) | HAZARDOUS LOCATION

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	2.4	61
3XNAISOS16-2PR-P4E	2	0.015	0.4	0.045	1.1	0.454	11.5	90	134	83	37	4.1	104
3XNAISOS16-3PR-P4E	3	0.015	0.4	0.045	1.1	0.482	12.3	119	176	124	56	4.3	110
3XNAISOS16-4PR-P4E	4	0.015	0.4	0.060	1.5	0.559	14.2	164	243	165	75	5.0	128
3XNAISOS16-6PR-P4E	6	0.015	0.4	0.060	1.5	0.632	16.0	221	329	248	112	5.7	144
3XNAISOS16-8PR-P4E	8	0.015	0.4	0.060	1.5	0.717	18.2	280	417	330	150	6.5	164
3XNAISOS16-12PR-P4E	12	0.015	0.4	0.080	2.0	0.878	22.3	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-P4E	1	0.015	0.4	0.045	1.1	0.281	7.1	55	82	62	28	2.5	64
3XNAISOS16-2TR-P4E	2	0.015	0.4	0.045	1.1	0.482	12.2	115	171	124	56	4.3	110
3XNAISOS16-4TR-P4E	4	0.015	0.4	0.060	1.5	0.646	16.4	216	322	248	112	5.8	148
3XNAISOS16-6TR-P4E	6	0.015	0.4	0.060	1.5	0.761	19.3	300	446	372	169	6.8	174
3XNAISOS16-8TR-P4E	8	0.015	0.4	0.080	2.0	0.898	22.8	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 Extended Run
- 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).

RoHS COMPLIANT | REACH COMPLIANCE | Certified System Quality ISO 9001

182-R1 Made In Canada

CUSTOM ORDER OPTIONS

FT4 ST1 FLAME RATING | LIMITED SMOKE | HALOGEN FREE | TC TRAY CABLE

Electro cables