



18 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
	3XNAOS18-1PR-PV4	1	0.025	0.6	0.045	1.1	0.295	7.5	44	65	26	12	2.2	56
	3XNAISOS18-2PR-PV4	2	0.025	0.6	0.045	1.1	0.500	12.7	88	132	52	23	3.7	93
	3XNAISOS18-3PR-PV4	3	0.025	0.6	0.045	1.1	0.559	14.2	129	191	78	35	3.9	98
	3XNAISOS18-4PR-PV4	4	0.025	0.6	0.045	1.1	0.563	14.3	149	222	104	47	4.2	107
	3XNAISOS18-6PR-PV4	6	0.025	0.6	0.060	1.5	0.637	16.2	199	297	155	70	5.1	129
	3XNAISOS18-8PR-PV4	8	0.025	0.6	0.060	1.5	0.723	18.4	251	374	207	94	5.7	146
	3XNAISOS18-12PR-PV4	12	0.025	0.6	0.060	1.5	0.906	23.0	386	575	311	141	6.7	170

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-PV4	1	0.025	0.6	0.045	1.1	0.309	7.9	53	79	39	18	2.3	58
	3XNAISOS18-2TR-PV4	2	0.025	0.6	0.045	1.1	0.559	14.2	124	185	78	35	3.9	98
	3XNAISOS18-4TR-PV4	4	0.025	0.6	0.060	1.5	0.708	18.0	201	298	155	70	5.2	132
	3XNAISOS18-6TR-PV4	6	0.025	0.6	0.060	1.5	0.876	22.3	308	459	233	106	6.1	154
	3XNAISOS18-8TR-PV4	8	0.025	0.6	0.060	1.5	0.985	25.0	383	571	311	141	6.8	174

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, 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, 105°C dry 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 and direct burial.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).

CUSTOM ORDER OPTIONS

