



## 16 AWG CIC 300V CSA FT4

Pairs	Part No.	Number of Pairs	Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	3XNAOS16-1PR	1	0.306	7.78	43	64	41	19	4.3	109
	3XNAISOS16-2PR	2	0.561	14.25	105	157	83	37	7.9	199
	3XNAISOS16-3PR	3	0.593	15.07	129	193	124	56	8.3	211
	3XNAISOS16-4PR	4	0.650	16.50	156	233	165	75	9.1	231
	3XNAISOS16-6PR	6	0.738	18.75	207	309	248	112	10.3	263
	3XNAISOS16-8PR	8	0.882	22.41	295	439	330	150	12.4	314
	3XNAISOS16-12PR	12	1.029	26.15	399	594	495	225	14.4	366
	3XNAISOS16-24PR	24	1.467	37.25	710	1057	991	449	20.5	522

Triads	Part No.	Number of Triads	Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	3XNAOS16-1TR	1	0.322	8.19	53	80	62	28	4.5	115
	3XNAISOS16-2TR	2	0.593	15.05	128	191	124	56	8.3	211
	3XNAISOS16-4TR	4	0.755	19.18	208	309	248	112	10.6	269
	3XNAISOS16-6TR	6	0.935	23.74	321	477	372	169	13.1	332
	3XNAISOS16-8TR	8	1.053	26.75	399	594	495	225	14.7	374
	3XNAISOS16-12TR	12	1.260	32.00	551	820	466	211	17.6	448

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. 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 Shield with Tinned Copper Drain Wires

**Jacket** Low Acid Gas (LAG) Polyvinyl Chloride (PVC)

### 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.



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