



## 18 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
	3XNAOS18-1PR	1	0.286	7.28	39	59	26	12	4.0	102
	3XNAISOS18-2PR	2	0.491	12.47	81	121	52	23	6.9	175
	3XNAISOS18-3PR	3	0.550	13.98	118	176	78	35	7.7	196
	3XNAISOS18-4PR	4	0.601	15.28	143	212	104	47	8.4	214
	3XNAISOS18-6PR	6	0.682	17.32	189	281	155	70	9.5	243
	3XNAISOS18-8PR	8	0.776	19.72	237	352	207	94	10.9	276
	3XNAISOS18-12PR	12	0.950	24.13	362	539	311	141	13.3	338
	3XNAISOS18-24PR	24	1.347	34.20	644	958	621	282	18.9	479

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
	3XNAOS18-1TR	1	0.301	7.64	49	73	39	18	4.2	107
	3XNAISOS18-2TR	2	0.550	13.96	117	175	78	35	7.7	195
	3XNAISOS18-4TR	4	0.697	17.71	189	281	155	70	9.8	248
	3XNAISOS18-6TR	6	0.864	21.93	292	434	233	106	12.1	307
	3XNAISOS18-8TR	8	0.971	24.67	362	539	311	141	13.6	345
	3XNAISOS18-12TR	12	1.159	29.43	500	744	466	211	16.2	412

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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