



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
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
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. 230, Tray Cables (Standard TC rated. TC-ER Optional)
- CSA C22.2 No. 2556 FT4 Vertical-Tray Flame Test
- -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 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)

Applications

- For wet and dry locations.
- For use in raceways, including cable trays and in ceiling air-handling plenums.
- To be used for exposed and concealed wiring or where subjected to the weather.
- For Hazardous Locations Class I-Div. 2, Class II-Div. 2 and Class III-Div. 2 as per CEC Part I J18-152, J18-254 and J18-354.
- Cables marked TC-ER tray cable are permitted to transition between cable trays, and utilization equipment or devices as per CEC Part I 12-2202 2) and 3).

