



16 & 14 AWG 300V CSA FAS105 FT4 Silver Armoured

16 AWG	Part No.	Conductor Count	Shielding	Insulation Thickness		Inner Jacket O.D.		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
	7201603BAR4	3	no	0.015	0.38	0.174	4.4	0.400	10.2	61	91	62	28	4.8	122
	7201605BAR4	5	no	0.015	0.38	0.218	5.5	0.445	11.3	89	133	103	47	5.3	136
	7241603BAR4	3	yes	0.015	0.38	0.180	4.5	0.404	10.3	65	97	62	28	4.8	122
	7241605BAR4	5	yes	0.015	0.38	0.225	5.6	0.449	11.4	94	139	103	47	5.4	137

14 AWG	Part No.	Conductor Count	Shielding	Insulation Thickness		Inner Jacket O.D.		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
	7201403BAR4	3	no	0.015	0.38	0.202	5.1	0.427	10.8	79	118	99	45	5.1	130
	7201405BAR4	5	no	0.015	0.38	0.254	6.4	0.479	12.2	119	177	164	75	5.7	146
	7241403BAR4	3	yes	0.015	0.38	0.207	5.2	0.431	10.9	84	125	99	45	5.2	131
	7241405BAR4	5	yes	0.015	0.38	0.258	6.5	0.482	12.3	123	183	164	75	5.8	147

Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 208, Fire alarm and signal cable (Type FAS105)
- 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

Conductor	Solid Soft Copper, ASTM B3
Insulation	Polyvinyl Chloride (PVC) 105°C, 300V
Shielding	Overall Shield with Tinned Copper Drain Wire
Inner Jacket	Flame Retardant Polyvinyl Chloride (PVC), Red
Armour	Aluminum Interlock Armour (AIA), Bare Silver

Applications

- For use in fire alarm, signal, and voice communication circuits indoors.
- Refer to Section 32 of the Canadian Electrical Code for conductor size restrictions.
- For non-combustible construction and plenum areas per CE Code Part 1 Appendix G and the National Building Code 1995 Edition Articles 3.15.17 and 3.6.4.3.
- For use in ventilated, non-ventilated and ladder-type cable trays
- For dry locations, in ceiling air-handling plenums, exposed and concealed wiring.