



FAS105



FLAME
RATING



LOW
TEMP



HIGH
TEMP



IMPACT
RESISTANT



EXPOSED
RUN

16 & 14 AWG 300V CSA FAS105 FT4 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	0.220	5.6	0.440	11.2	70	104	62	28	6.2	157
	7201605BAR4	5	no	0.015	0.38	0.269	6.8	0.524	13.3	101	151	103	47	7.3	186
	7241603BAR4	3	yes	0.015	0.38	0.228	5.8	0.448	11.4	72	107	62	28	6.3	159
	7241605BAR4	5	yes	0.015	0.38	0.277	7.0	0.532	13.5	104	154	103	47	7.4	189

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	0.224	5.7	0.511	13.0	96	143	102	46	7.2	182
	7201405BAR4	5	no	0.015	0.38	0.281	7.1	0.568	14.4	138	205	171	77	8.0	202
	7241403BAR4	3	yes	0.015	0.38	0.232	5.9	0.519	13.2	98	147	102	46	7.3	184
	7241405BAR4	5	yes	0.015	0.38	0.289	7.3	0.576	14.6	140	209	171	77	8.1	205

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 Vertical-Tray Flame Test

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

Applications

- For use in fire alarm, signal, and voice communication circuits where exposed, concealed, or used in raceways, or indoors in dry locations only.
- Refer to Section 32 of the Canadian Electrical Code for conductor size restrictions.
- For non-combustible construction and plenum areas per CEC Part 1 Appendix G and the National Building Code 1995 Edition Articles 3.15.17 and 3.6.4.3.