



FAS105



FLAME  
RATING



LOW  
TEMP



HIGH  
TEMP



IMPACT  
RESISTANT



EXPOSED  
RUN



## 18 AWG 300V CSA FAS105 FT4 Armoured

Unshielded	Part No.	Conductor Count	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
			7201803BAR4	3	0.015	0.38	0.195	4.95	0.395	10.0	64	95	39	18
7201805BAR4	5	0.015	0.38	0.227	5.77	0.427	10.8	85	127	65	29	6.0	152	
7201807BAR4	7	0.015	0.38	0.246	6.25	0.446	11.3	101	150	91	41	6.2	159	

Shielded	Part No.	Conductor Count	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
			7241803BAR4	3	0.015	0.38	0.222	5.64	0.422	10.7	188	280	39	18
7241805BAR4	5	0.015	0.38	0.251	6.38	0.451	11.5	262	390	65	29	6.3	160	
7241807BAR4	7	0.015	0.38	0.310	7.9	0.510	13.0	300	446	91	41	7.1	181	
7241809BAR4	9	0.015	0.38	0.350	8.89	0.520	13.2	322	479	117	53	7.3	185	

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

<b>Conductor</b>	Solid Bare Soft Copper Conductors, ASTM B3
<b>Insulation</b>	Polyvinyl Chloride (PVC) 105°C, 300V
<b>Shielding</b>	Overall Shield with Tinned Copper Drain Wire
<b>Inner Jacket</b>	Flame Retardant Polyvinyl Chloride (PVC), Red
<b>Armour</b>	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.