



FAS105



FLAME  
RATING



LOW  
TEMP



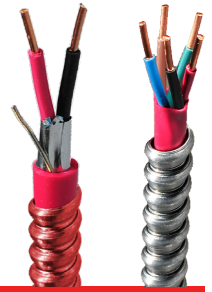
HIGH  
TEMP



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
			7201802BAR4	2	0.015	0.38	0.184	4.67	0.385	9.8	56	83	26	12
7201803BAR4	3	0.015	0.38	0.195	4.95	0.395	10.0	64	95	39	18	5.5	140	
7201804BAR4	4	0.015	0.38	0.202	5.13	0.402	10.2	74	110	52	24	5.6	143	
7201805BAR4	5	0.015	0.38	0.227	5.77	0.427	10.8	85	127	65	29	6.0	152	
7201806BAR4	6	0.015	0.38	0.242	6.15	0.436	11.1	99	148	78	35	6.1	155	
7201807BAR4	7	0.015	0.38	0.246	6.25	0.446	11.3	101	150	91	41	6.2	159	
7201808BAR4	8	0.015	0.38	0.290	7.37	0.460	11.7	111	165	104	47	6.4	164	
7201810BAR4	10	0.015	0.38	0.330	8.38	0.488	12.4	121	180	130	59	6.8	174	

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
			7241802BAR4	2	0.015	0.38	0.217	5.51	0.418	10.6	160	238	26	12
7241803BAR4	3	0.015	0.38	0.222	5.64	0.422	10.7	188	280	39	18	5.9	150	
7241804BAR4	4	0.015	0.38	0.240	6.10	0.440	11.2	230	343	52	24	6.2	156	
7241805BAR4	5	0.015	0.38	0.251	6.38	0.451	11.5	262	390	65	29	6.3	160	
7241806BAR4	6	0.015	0.38	0.263	6.68	0.457	11.6	249	370	78	35	6.4	163	
7241808BAR4	8	0.015	0.38	0.316	8.03	0.516	13.1	269	400	104	47	7.2	183	
7241809BAR4	9	0.015	0.38	0.350	8.89	0.520	13.2	322	479	117	53	7.3	185	
7241810BAR4	10	0.015	0.38	0.372	9.45	0.530	13.5	346	515	130	59	7.4	188	

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.