



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
				7201602BAR4	2	no	0.015	0.38	0.207	5.3	0.427	10.9	57	84	41
7201603BAR4	3	no	0.015	0.38	0.220	5.6	0.440	11.2	70	104	62	28	6.2	157	
7201604BAR4	4	no	0.015	0.38	0.243	6.2	0.463	11.8	83	124	83	37	6.5	165	
7201605BAR4	5	no	0.015	0.38	0.269	6.8	0.524	13.3	101	151	103	47	7.3	186	
7241602BAR4	2	yes	0.015	0.38	0.215	5.5	0.435	11.1	59	87	41	19	6.1	155	
7241603BAR4	3	yes	0.015	0.38	0.228	5.8	0.448	11.4	72	107	62	28	6.3	159	
7241604BAR4	4	yes	0.015	0.38	0.251	6.4	0.506	12.9	89	133	83	37	7.1	180	
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
				7201402BAR4	2	no	0.015	0.38	0.208	5.3	0.460	11.7	73	109	68
7201403BAR4	3	no	0.015	0.38	0.224	5.7	0.511	13.0	96	143	102	46	7.2	182	
7201404BAR4	4	no	0.015	0.38	0.251	6.4	0.538	13.7	117	174	137	62	7.5	191	
7201405BAR4	5	no	0.015	0.38	0.281	7.1	0.568	14.4	138	205	171	77	8.0	202	
7241402BAR4	2	yes	0.015	0.38	0.216	5.5	0.468	11.9	75	112	68	31	6.6	166	
7241403BAR4	3	yes	0.015	0.38	0.232	5.9	0.519	13.2	98	147	102	46	7.3	184	
7241404BAR4	4	yes	0.015	0.38	0.259	6.6	0.546	13.9	119	177	137	62	7.6	194	
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.



045-R6

