



18 AWG 300V CSA FAS105 FT4 Red 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.R	3	0.015	0.38	0.151	3.8	0.375	9.5	45	67	39	18	4.5	114
	7201805BAR4.R	5	0.015	0.38	0.190	4.8	0.414	10.5	64	95	65	29	5.0	126
	7201807BAR4.R	7	0.015	0.38	0.211	5.3	0.435	11.1	79	118	91	41	5.2	133

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.R	3	0.015	0.38	0.155	3.9	0.379	9.6	49	74	39	18	4.5	116
	7241805BAR4.R	5	0.015	0.38	0.194	4.9	0.418	10.6	68	101	65	29	5.0	127
	7241807BAR4.R	7	0.015	0.38	0.215	5.4	0.439	11.1	87	129	91	41	5.3	133
	7241809BAR4.R	9	0.015	0.38	0.246	6.2	0.470	11.9	105	156	117	53	5.6	142

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

ElectrAlert® FAS FT4 Red Armoured Fire Alarm is easier to identify in safety-critical systems with its industry preferred propriety red coating. A lightweight compact OD construction provides superior space efficiency and easier installation.

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), Red Coated

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.