

FAS105 Red Aluminum Interlocked Armoured Shielded*, FT1, FT4, 300V

Applications: For use in fire alarm systems and signal wiring within buildings and other structures, this cable is suitable for Class 2 circuits as well as control and instrumentation circuits installed in cable trays and plenum. It can be used in both exposed and concealed installations, in dry locations, in accordance with the requirements of Table 19, Sections 16 and 32 of CSA C22.1, Canadian Electrical Code, Part I.

Conductors: 18 AWG to 12 AWG solid bare copper.

Insulation: Polyvinyl chloride (PVC)

Jacket: Polyvinyl chloride (PVC)

Armour: Aluminum interlocked armour

Voltage Rating: 300V

Temperature Rating: -30°C** to 105°C

Flame Rating: FT1, FT4

Standards: CSA C22.2 No. 208

Gauge AWG	Conductor Count	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Diameter		Nominal Cable Weight	
		mm	in.	mm	in.	mm	in.	kg/km	lb/mft
18	2	0.38	0.015	0.48	0.019	11.30	0.445	90	61
18	3	0.38	0.015	0.48	0.019	11.30	0.445	102	68
18	1PR+1	0.38	0.015	0.48	0.019	11.30	0.445	101	68
18	4	0.38	0.015	0.48	0.019	11.30	0.445	113	76
18	5	0.38	0.015	0.48	0.019	11.30	0.445	124	83
16	2	0.38	0.015	0.48	0.019	11.30	0.445	102	68
16	3	0.38	0.015	0.48	0.019	11.30	0.445	117	79
16	1PR+1	0.38	0.015	0.48	0.019	11.30	0.445	117	79
16	5	0.38	0.015	0.48	0.019	11.94	0.470	154	104
14	2	0.38	0.015	0.48	0.019	11.30	0.445	118	80
14	3	0.38	0.015	0.48	0.019	11.46	0.451	143	96
14	4	0.38	0.015	0.48	0.019	12.09	0.476	171	115
14	5	0.38	0.015	0.48	0.019	12.78	0.503	199	134
12	2	0.38	0.015	0.48	0.019	11.94	0.470	149	100

*All products with aluminum/Mylar shielding include a 22 AWG solid tinned copper drain wire.

** The -30°C low temperature rating indicates that the cables have passed a cold bend test under carefully controlled laboratory conditions. These conditions may or may not reflect actual field conditions. It is therefore recommended that all cables be warmed to at least -10°C before installation.

Notes: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.