

FAS, FT6, 60C, 300V

Applications: For use as fire alarm systems and signal cable in building, other structures, class 2 circuits and control and instrumentation circuits in plenums, cable trays and raceways; exposed and concealed installations; dry and damp locations, in accordance with the Rules of Sections 16 and 32 of C22.1 Canadian Electrical Code, Part I.

Conductors: 22 AWG to 12 AWG solid bare copper.

Insulation: Polyvinyl chloride (PVC)

Jacket: Polyvinyl chloride (PVC)

Voltage Rating: 300V

Temperature Rating: -30°C** to 60°C

Flame Rating: FT6

Standards: CSA C22.2 No. 208, CSA C22.2 No. 35*

Gauge AWG	Conductor Count	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Cable Diameter		Nominal Cable Weight	
		mm	in.	mm	in.	mm	in.	kg/km	lb/mft
22	4	0.30	0.012	0.84	0.033	4.93	0.194	36	24
18	2 Parallel	0.38	0.015	0.84	0.033	3.66 x 5.54	.144 x .218	38	26
18	2	0.38	0.015	0.84	0.033	5.54	0.218	42	28
18	3	0.38	0.015	0.84	0.033	5.82	0.229	54	36
18	4	0.38	0.015	0.84	0.033	6.30	0.248	67	45
18	5	0.38	0.015	0.84	0.033	6.83	0.269	79	53
18	6	0.38	0.015	0.89	0.035	7.49	0.295	94	63
18	7	0.38	0.015	0.89	0.035	7.49	0.295	105	70
18	8	0.38	0.015	0.89	0.035	8.08	0.318	118	79
18	9	0.38	0.015	0.89	0.035	8.64	0.340	131	88
18	10	0.38	0.015	0.89	0.035	9.35	0.368	145	98
18	11	0.38	0.015	0.89	0.035	9.35	0.368	156	105
18	20	0.38	0.015	1.12	0.044	12.04	0.474	275	185
18	21	0.38	0.015	1.12	0.044	12.27	0.483	287	193
18	30	0.38	0.015	1.12	0.044	14.33	0.564	397	266
16	2	0.38	0.015	0.84	0.033	6.05	0.238	54	37
16	3	0.38	0.015	0.84	0.033	6.38	0.251	71	48
16	4	0.38	0.015	0.84	0.033	6.91	0.272	89	60
16	5	0.38	0.015	0.89	0.035	7.62	0.300	109	73
16	7	0.38	0.015	0.89	0.035	8.26	0.325	143	96
16	8	0.38	0.015	0.89	0.035	8.92	0.351	162	109
14	2	0.38	0.015	0.84	0.033	6.71	0.264	73	49
14	3	0.38	0.015	0.89	0.035	7.19	0.283	99	67
14	4	0.38	0.015	0.89	0.035	7.82	0.308	126	84
14	5	0.38	0.015	0.89	0.035	8.51	0.335	152	102
12	2	0.38	0.015	0.89	0.035	7.67	0.302	103	69
12	3	0.38	0.015	0.89	0.035	8.13	0.320	140	94
12	4	0.38	0.015	0.89	0.035	8.86	0.349	178	120

* 18, 16, 14 and 12 AWG are dual marked LVT 60C 30V. For use as extra-low-voltage control circuit cables in Class 2 circuits in dry or damp locations at temperatures not exceeding 60C and at voltages not exceeding 30V.

** 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.