



MAINTAIN CIRCUIT INTEGRITY AND PHYSICAL PROTECTION WITH A SIMPLE, IN CONDUIT SOLUTION

2-HOUR FIRE-RATED FAS

Fire Alarm Cable

DESCRIPTION

Lifeline™ FAS is a 2-hour fire rated fire alarm cable using ceramified silicone technology to provide a flexible cable with the highest level of installed reliability. Designed for use in critical circuits that may require operation in the presence of fire and water, Lifeline™ FAS can be used in fire alarm systems for detection, notification, signaling, communications or in any system where orderly egress or safe shutdown is essential.

LIFELINE™ FAS

CSA CERTIFIED FAS FIRE ALARM CABLE

C-UL CLASSIFIED 2-HOUR FIRE RATING
PER ULC S-139 WITH HOSE STREAM
AT 150 VOLTS

Qualified to the toughest Canadian Standards, Lifeline™ FAS is 2-hour fire rated to ULC S-139-00 and CSA type FAS certified without the need for extra barrier tapes, metal sheaths or special installation procedures. Designed to meet the fire rating requirements of the National Building Code of Canada, the functional requirements of the National Fire Code of Canada and the installation requirements of the Standard for the Installation of Fire Alarm Systems.

Beyond the obvious economical advantages as a fire rated system, Lifeline™ FAS offers a complete product line, circuit protection to 150 volts, standard installation and flexibility in a **LSHF** construction. Low capacitance and availability in long lengths improves system performance and reduces waste from unusable cable lengths.



FEATURES & BENEFITS

- Canadian Approved 2-Hour Fire Rating
- CSA Certified Type FAS for use at Maximum Canadian Code Ampacity
- 300 Volt Cable/150 Volt Utilization
- Complete Product Line, Sizes and Types
- Installs in Common 1/2" (or larger) Conduit
- Low Smoke, Halogen Free (LSHF) Construction
- Savings from Long Length Availability
- 2 Inch Pair Lay Length

PERFORMANCE SPECIFICATIONS

- C-UL 2-Hour Fire Rating per ULC S-139-00 at 150 Volts and hose stream
- CSA Certified Type FAS to CSA STD. C22.2 NO. 208-03
- Complies with fire rated cable of CAN/ULC-S524-01 "Standard for the Installation of Fire Alarm Systems"
- For installation per CSA C22.1-02 "Canadian Electrical Code, Part 1, Safety Standard for Electrical Installations"
- Additionally, Lifeline™ FAS is qualified to UL 2196 "Standard for Tests for Fire Resistive Cables" and is listed as Electrical Circuit Protective System (FHIT) #24 of the UL Fire Resistance Directory.



Call your **LIFELINE™** friend at

800-333-4248 ext. 2600

Or visit us at www.drakausa.com/lifeline

Unshielded - CSA type FAS and 2-Hour Fire Rated per ULC S139-00 at 150 Volts

Lifeline™ Part Number	Copper AWG Size STRAND	Number of Conductors	Overall Diameter In. (mm)	Weight Lbs/Mft (kg/km)	Nominal Capacitance pf/ft (pf/m)	DC Resistance Ohms/Mft
FAS-2C/18NS	18-solid	2	0.33 (8.4)	53 (79)	15 (48)	6.5
FAS-4C/18NS	18-solid	4	0.37 (9.4)	76 (113)	15 (48)	6.5
FAS-6C/18NS	18-solid	6	0.43 (10.9)	104 (155)	15 (48)	6.5
FAS-8C/18NS	18-solid	8	0.51 (13.0)	136 (202)	15 (48)	6.5
FAS-2C/16NS	16-solid	2	0.33 (8.4)	62 (92)	17 (56)	4.1
FAS-4C/16NS	16-solid	4	0.40 (10.2)	94 (140)	17 (56)	4.1
FAS-2C/14NS	14 -7 str	2	0.39 (9.9)	80 (119)	19 (62)	2.6
FAS-4C/14NS	14 -7 str	4	0.44 (11.2)	125 (186)	19 (62)	2.6
FAS-2C/12NS	12 -7 str	2	0.42 (10.7)	101 (150)	21 (69)	1.8
FAS-4C/12NS	12 -7 str	4	0.49 (12.4)	168 (250)	21 (69)	1.8

Shielded Overall - CSA type FAS and 2-Hour Fire Rated per ULC S139-00 at 150 Volts

Lifeline™ Part Number	Copper AWG Size STRAND	Number of Conductors	Overall Diameter In. (mm)	Weight Lbs/Mft (kg/km)	Nominal Capacitance pf/ft (pf/m)	DC Resistance Ohms/Mft
FAS-2C/18OS	18-solid	2	0.33 (8.4)	57 (85)	26 (85)	6.5
FAS-4C/18OS	18-solid	4	0.38 (9.7)	81 (121)	26 (85)	6.5
FAS-6C/18OS	18-solid	6	0.44 (11.2)	110 (164)	26 (85)	6.5
FAS-8C/18OS	18-solid	8	0.51 (13.0)	142 (211)	26 (85)	6.5
FAS-2C/16OS	16-solid	2	0.35 (8.9)	66 (98)	30 (98)	4.1
FAS-4C/16OS	16-solid	4	0.40 (10.2)	99 (147)	30 (98)	4.1
FAS-2C/14OS	14 -7 str	2	0.40 (10.2)	85 (126)	36 (118)	2.6
FAS-4C/14OS	14 -7 str	4	0.45 (11.4)	130 (193)	36 (118)	2.6
FAS-2C/12OS	12 -7 str	2	0.43 (10.9)	106 (158)	42 (138)	1.8
FAS-4C/12OS	12 -7 str	4	0.50 (12.7)	173 (257)	42 (138)	1.8

LIFELINE™ FAS JACKET PRINT LEGEND (typical)

DRAKA USA 2/C 16 AWG OS LIFELINE FAS FIRE ALARM CABLE (CSA) TYPE FAS FT1 LL36970

c(UL) 2 HOUR CIR ULC S-139 (150 VOLTS) HOSE STREAM R 19359



For more information, call your LIFELINE™ friend at 1-800-333-4248 ext. 2600