

PART NO. 638100FSL

J-H(St)H Lg Fire Alarm Cable, 100 x 2 x 0.8 mm

Detailed Specifications & Technical Data

CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Wrapping
5 Screen
6 Outer Jacket

CABLE CONSTRUCTION

Conductor	: Class 1 electrolytic solid copper (IEC 60228, DIN VDE 0295, EN 60228)
Insulation	: Halogen-free compound (VDE 0815, EN 50290-2-26)
Stranding	: Two pairs are stranded into a star-quad, above two pairs are stranded together in layers
Wrapping	: Polyester tape
Screen	: Tinned copper earthing wire, Al/PET tape
Outer Jacket	: UV resistant halogen-free outer jacket. RAL 3000 (Red)

TECHNICAL DATA

Conductor Diameter	: 0.80 mm
Conductor Resistance Ω/km (20 °C)	: 73.2
Insulation Resistance (@500V DC) MΩ/km	: 100
Mutual Capacitance nF/km	: 100
Operating Voltage V DC	: 300
Test Voltage (@ 1 minute) V DC	: 800

STANDARDS

Smoke Density Test	: IEC 61034-2, VDE 0482-1034-2, BS EN 61034-2
Corrosive Gas Test	: IEC 60754-2, VDE 0482-267-2-3, BS EN 50267-2-3
Halogen-free Test	: IEC 60754-1, VDE 0482-267-2-1, BS EN 50267-2-1
Flame Propagation Test	: IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-2-24
Flame Retardancy Test	: IEC 60332-1-2, VDE 0482-332-1-2, BS EN 60332-1-2

MECHANICAL CHARACTERISTICS

Bending Radius	: 10xD mm
Temperature Range Operating	: -30°C ~ +70°C

CABLE TYPE DATA

CAMCOM Part No.	Pair Count	Conductor Diameter (mm)	Cross Section (mm^2)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
638100FSL	100	0.8	–	36.8	945.1	1458	100/500/1000

PRODUCT VIEW



Camcom is proud to be certified by

Frame Offices - HQ, Alexanderveld 5-9,
2585 DB, Den Haag, Netherlands
+31708910864
sales@camcom.co.nl

Designed in Netherlands & Produced Globally.

Prepared By : Steve Smith

Disclaimer :- Datasheet is subject to modification without prior notication

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