

# PART NO. 638010FSL

J-H(St)H Lg Fire Alarm Cable, 10 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) |
|---|---|---|---|---|---|---|---|
| 638010FSL | 10 | 0.8 | – | 11.1 | 96.2 | 173 | 100/500/1000 |

### PRODUCT VIEW




**Camcom** is proud to be certified by

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Disclaimer :- Datasheet is subject to modification without prior notication

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