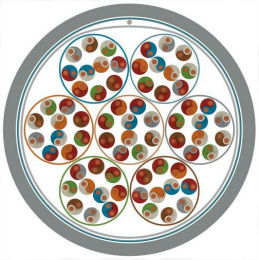


PART NO. 638100FS

J-H(St)H Indoor Telephone 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 (TS IEC 60189-2)
Stranding	: In layers up to 10 pairs, 20 pairs to 100 pairs consist of stranding of 10 pair groups wrapped with polypropylene identification tape
Wrapping	: A non-hygroscopic and dielectric polyester tape is applied on the cable core longitudinally or helically. (More than 10 pairs)
Screen	: Tinned copper earthing wire, Al/PET tape
Outer Jacket	: UV resistant halogen-free outer jacket. RAL 7035 (Grey)

TECHNICAL DATA

Conductor Diameter	: 0.80 mm
Conductor Resistance Ω/km (20 °C)	: 37.0
Insulation Resistance (@500V DC) MΩ/km	: 500
Mutual Capacitance nF/km	: 100
Capacitance Unbalance pF/500 m	: 400
Test Voltage (@ 1 minute) V DC	: 1000

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
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)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
638100FS	100	0.8	31	968.2	1408	100/500/1000

PRODUCT VIEW



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Disclamer :- Datasheet is subject to modification without prior notication

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