

Technical Data Sheet

CANFORD FSM-LFH - FOIL SCREENED STRANDED CONDUCTOR MULTIPAIR CABLE LOW FIRE HAZARD

31-802 CANFORD FSM-LFH CABLE 2 pair

31-804 CANFORD FSM-LFH CABLE 4 pair

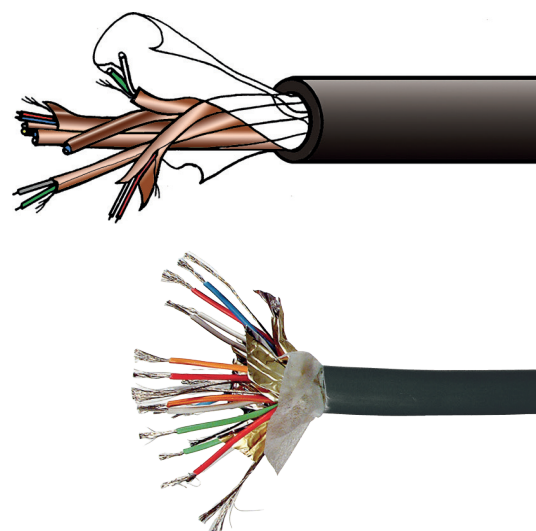
31-808 CANFORD FSM-LFH CABLE 8 pair

31-812 CANFORD FSM-LFH CABLE 12 pair

This D'n'A series (Digital and Analogue) cable is designed to be suitable for both digital and analogue audio signals, with an impedance of 100 ohms which has been proven to be suitable for AES/EBU digital audio as well as analogue microphone and line level signals. Wire insulation is polypropylene, which shrinks back minimally during soldering (considerably less than PVC or polyethylene).

Wiring specifications for many public buildings now call for LFH cables to be used in certain areas, notably in corridors, risers etc. Under combustion circumstances, LFH cables have a significantly reduced smoke emission, and the gaseous products contain no toxic halogens.

FSM-LFH series cables are technically identical to standard FSM series, apart from the use of LFH materials.



TECHNICAL SPECIFICATION

Conductors:	30/0.1mm (0.235mm ²) tinned copper wire	
Insulation:	Foamed polypropylene, 1.50mm overall diameter, according to IEC colour code	
Lay-up:	Two insulated conductors twisted together; laid up with 30/0.1mm tinned copper drain wire, overall aluminium/polyester "S-profile" foil tape screen	
Overall jacket:	LFH material, black, printed with metre markings	
CPR Classification:	Eca	
Impedance:	100 ohms (+/- 10 ohms)	
Pair capacitance:	41pF/m core to core, 102pF/m core + core to screen	
Overall diameter:	FSM2	7.1mm
	FSM4	9.0mm
	FSM8	11.0mm

Weight (kg/100m):	FSM12	14.1mm
	FSM16	17.3mm
	FSM32	21.0mm
	FSM2	4.5kg
	FSM4	7.2kg
	FSM8	11.8kg
Reel lengths:	FSM12	17.1kg
	FSM16	23.1kg
	FSM32	41.8kg
Cut lengths:	Available in any multiple of 1 metre	

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