

Technical Data Sheet

CANFORD FST-DMX-LFH

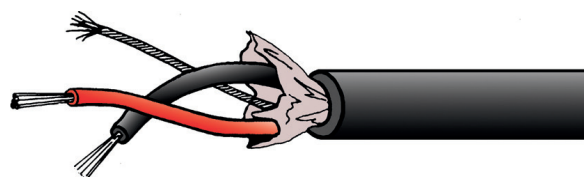
31-052 CANFORD FST-DMX-LFH CABLE 1 PAIR, BLACK

31-053 CANFORD FST-DMX-LFH CABLE 2 PAIR, BLACK

CANFORD FST-DMX-LFH - FOIL SCREENED STRANDED CONDUCTOR TWIN CABLE For DMX512 data, low fire hazard

Foil screened, 120 ohm installation cable, specifically for DMX512 lighting-control applications, designed to meet RS485 data cable specification. Available in 1 pair and 2 pair versions.

Wire insulation is polypropylene, which shrinks back minimally during soldering (considerably less than PVC or polyethylene). The overall jacket is bonded to the screen tape so that one stripping action removes jacket and screen, leaving the signal wires and earth wire free for further processing.



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

TECHNICAL SPECIFICATION

Conductor:	16/0.2mm (0.5mm sq.) tinned copper wire	CPR Classification:	Eca
Insulation:	Foamed polyethylene, O.D. 2.4mm. red/black (pair 1), white/black (pair 2)	Impedance:	120 ohms +/- 15ohms
Screen:	Bondable aluminium/polyester tape with 16/0.2mm tinned copper drain wire	Capacitance:	37pF/metre core to core
Lay-up (2 pair):	2 x 2 cores twisted together as 2 individually screened pairs, with cotton fillers and overall non-woven tape	Conductor resistance:	38 ohms/km
Jacket:	Low fire hazard compound, black, printed with metre markings	Insulation test voltage:	1000V for 1 minute
1 pair:	O.D. 6.1mm	Weight: 1 pair:	3.5kg/100m
2 pair:	10.0mm	2 pair:	7.4kg/100m
		Reel length:	500 metres
		Cut lengths:	Available in any multiple of 1 metre

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