

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

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