



FST-LFH - FOIL SCREENED STRANDED CONDUCTOR TWIN CABLE Low fire hazard

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).

The overall PVC jacket is bonded to the screen tape on application so that one stripping action removes jacket and screen, leaving the signal wires and earth wire free for further processing. It is not necessary to have to unwind tape screen after jacket stripping nor is it necessary to become involved in the unravelling of braided copper screens. In addition, the tape screen provides 100% coverage of the signal pair and will maintain that coverage even when subjected to installations with tight bend radii. This cable is intended for installation purposes, and is not recommended for applications where continuous flexing is required.

Wiring specifications for many public buildings now 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:

Conductors:	7/0.2mm (0.22mm ²) tinned copper
Insulation:	Foamed polypropylene, O.D. 1.46mm, black, red
Lay-up:	Cores twisted together with 7/0.2mm drain wire, lay length 19mm
Screen:	Aluminium/polyester tape, bonded to jacket
Jacket:	Black LFH compound (IEC 332 Part 1, CPR Classification Eca), O.D. 4.0mm
Impedance:	100 ohms
Capacitance:	100pF/metre core to core, 198pF/metre core to core +screen
Max. conductor resistance:	81 ohms/km
Weight:	1.64kg/100m
Reel length:	500 metres.
Cut lengths:	Available in any multiple of 1 metre