



FST - FOIL SCREENED STRANDED CONDUCTOR TWIN CABLE

This new 2010 version of the Canford FST cable is designed to be suitable for both digital and analogue audio signals, the 'universal' solution for both installed and deployable applications. Wire insulation is polypropylene, which shrinks back minimally during soldering (considerably less than PVC or polyethylene). An impedance of 100 ohms has been proven to be suitable for AES/EBU digital audio signals as well as analogue microphone and line level signals.

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. Where space is at a premium, Canford KST-M offers reduced diameter as an alternative choice.

FST is also available in a 'box-pak'. The system utilises a unique method of winding the cable into a 'ball' which is then enclosed within a sturdy corrugated box with feed-out 'nozzle' and carrying handles. The cable can be withdrawn from the box without effort as a one man operation, and will not snag or twist. The 'ball' retains its shape within the box so it feeds out easily right to the last metre. This format of cable dispensing has particular advantages for installers working on site. Each box contains 500 metres of cable, and weighs 8.4kg. Price per box.

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:	PVC O.D. 4.0mm, various colours, printed with metre markings
Impedance:	100 ohms
Capacitance:	100pF/metre core to core, 198pF/metre core to core +screen
Max. conductor resistance:	81 ohms/km
Weight:	1.73kg/100m
Reel length:	500 metres.
Cut lengths:	Available in any multiple of 1 metre

FST is a Canford registered trademark.

31-001	CANFORD FST CABLE 1 pair, Black
31-072	CANFORD FST CABLE 1 pair, Red
31-076	CANFORD FST CABLE 1 pair, Blue
31-075	CANFORD FST CABLE 1 pair, Green
31-071	CANFORD FST CABLE 1 pair, Brown
31-078	CANFORD FST CABLE 1 pair, Grey

31-061	CANFORD FST CABLE 1 pair, Black, Box-pak
31-062	CANFORD FST CABLE 1 pair, Red, Box-pak
31-066	CANFORD FST CABLE 1 pair, Blue, Box-pak
31-068	CANFORD FST CABLE 1 pair, Grey, Box-pak

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