

Technical Data Sheet

CANFORD FSJ SERIES MULTIPAIR CABLE

31-502 CANFORD FSJ CABLE 2 pair

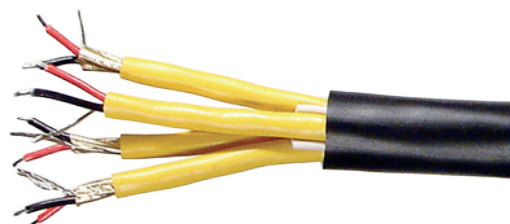
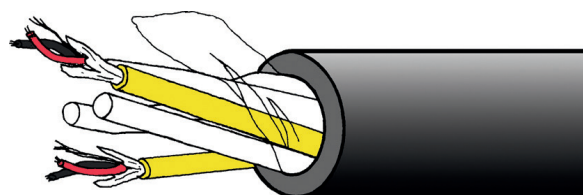
31-504 CANFORD FSJ CABLE 4 pair

31-508 CANFORD FSJ CABLE 8 pair

31-512 CANFORD FSJ 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).

It is an individually jacketed multipair cable based on Canford's FST-F 'Flexible Foil Screened Twin' in order to offer enhanced flexibility. Construction is a number of these cables, printed with a core identification, and sheathed overall in soft PVC. The individual cores are jacketed ready for termination directly into connectors etc., and the inner jacket is bonded to the screening foil so strips away in a single action.



TECHNICAL SPECIFICATION

MECHANICAL

Inner Conductor:	7 x 0.20mm Tinned Copper Wire								
Insulation:	1.46mm Foamed polypropylene - Red and Black								
Screen(s):	2 Cores twisted together with 7 x 0.20mm Tinned Copper drain wire, wrapped with Aluminium/Polyester tape. Aluminium side in.								
Construction:	Each pair individually jacketed with Yellow Flexible PVC. Jackets number Marked, cabled together and wrapped with Polyester tape.								
Jacket:	Flexible PVC								
Overall Diameter:	<table border="0"> <tr> <td>2 pair</td> <td>10.2mm</td> </tr> <tr> <td>4 pair</td> <td>11.3mm</td> </tr> <tr> <td>8 pair</td> <td>15.1mm</td> </tr> <tr> <td>12 pair</td> <td>17.7mm</td> </tr> </table>	2 pair	10.2mm	4 pair	11.3mm	8 pair	15.1mm	12 pair	17.7mm
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Weight:	<table border="0"> <tr> <td>2 pair</td> <td>11.0kg</td> </tr> <tr> <td>4 pair</td> <td>13.4kg</td> </tr> <tr> <td>8 pair</td> <td>22.5kg</td> </tr> <tr> <td>12 pair</td> <td>31.2kg</td> </tr> </table>	2 pair	11.0kg	4 pair	13.4kg	8 pair	22.5kg	12 pair	31.2kg
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8 pair	22.5kg								
12 pair	31.2kg								
Reel length:	500m								
Cut lengths:	Available in any multiple of 1 metre								

ELECTRICAL

Impedance:	100±10 ohms
Capacitance:	100pF/metre core to core 198pF/metre core to core + screen
Resistance: Conductor(s):	Max 85 ohms/km
Velocity Ratio:	75%

Manufactured by Draka, part of the Prysmian group of companies.
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