CANFORD RS422 DATA PATCH PANEL Fully Screened

45-3400 RS422 PATCH PANEL 1U 1x12 way 9-way D-sub female - RJ45, grey
45-3402 RS422 PATCH PANEL 1U 1x16 way 9-way D-sub female - RJ45, grey
45-3404 RS422 PATCH PANEL 1U 1x20 way 9-way D-sub female - RJ45, grey

45-3406 RS422 PATCH PANEL 2U 2x12 way 9-way D-sub female - RJ45, grey
45-3408 RS422 PATCH PANEL 2U 2x16 way 9-way D-sub female - RJ45, grey
45-3410 RS422 PATCH PANEL 2U 2x20 way 9-way D-sub female - RJ45, grey

45-3412 RS422 SPARE CONNECTOR MODULE 9-way D-sub female - RJ45

A cost-effective range of fully-screened RJ45 patch panels designed for broadcast and audio RS422 application. Front-panel connectors are arranged symmetrically about a centre divide, allowing source and destination channels to be grouped easily. Panels are finished in Dawn Grey (BS4800-10A03) to distinguish them from IT network panels.
Manufactured from a rigid aluminium extrusion, panels are fitted with a cranked lacing-bar for each row of connectors giving easy access to the rear sockets. The connector pitch is the same for each style with connectors centralised either side of a centre divide.

Rear termination is via D-sub 9-pin sockets fitted with thread-lock posts to accept 4-40UNC thumb screws which is the most common thread found on D-sub connections.

It is recommended that front-panel patching is completed with screened flexible RJ45 8-pin patchcords such as the following items:-

46-691 RS422 SCREENED PATCHCORD RJ45S-RJ45S-150mm-Metallic silver
46-692 RS422 SCREENED PATCHCORD RJ45S-RJ45S-300mm-Metallic silver
46-693 RS422 SCREENED PATCHCORD RJ45S-RJ45S-600mm-Metallic silver
46-694 RS422 SCREENED PATCHCORD RJ45S-RJ45S-900mm-Metallic silver

The signal path within the panel is fully screened by tinned D-sub sockets, screened RJ45 sockets and individual channel metalised housings. D-sub connector is wired enabling D-sub pin 5 to carry Sony priority signal. D-sub pin 1 is connected to the connector chassis, see standard pin configuration. In the unlikely event of connector damage, individual modules can be replaced easily by the user, (45-3412).

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A designation-strip holder with snap-on cover is fitted above each connector row and permits paper strips to be inserted before or after installation, 7.5mm of printable height is available. Templates for printing designation strip labels, available as a DWG file for AutoCAD and compatible applications, can be downloaded from the appropriate product page on the Canford website.

Spare 432mm designation-strip paper (not suitable for printers) and covers are available:-

45-3081 CANFORD SNAP-ON DESIGNATION STRIP-2 432mm paper (pack of 4)
45-3091 CANFORD SNAP-ON DESIGNATION STRIP-2 432mm cover (pack of 4)

Depth behind panel, including lacing-bar, 180mm

Recess rack-mounting brackets are available to recess panels within the rack:-

45-3162 - CANFORD RACKBRACKET RECESS BRACKET 1U, 100mm recess, grey (pair)
45-3164 - CANFORD RACKBRACKET RECESS BRACKET 1U, 150mm recess, grey (pair)
45-3160 - CANFORD RACKBRACKET RECESS BRACKET 1U, 50mm recess, grey (pair)

45-3168 - CANFORD RACKBRACKET RECESS BRACKET 2U, 100mm recess, grey (pair)
45-3170 - CANFORD RACKBRACKET RECESS BRACKET 2U, 150mm recess, grey (pair)
45-3166 - CANFORD RACKBRACKET RECESS BRACKET 2U, 50mm recess, grey (pair)

Manufactured by Canford.

Standard Pin Configuration

9 Pin D-Sub	RJ45
1	4 & Chassis
2	1
3	8
4	Not Connected
5	3
6	Not Connected
7	2
8	7
9	6