



MOSESSE & MITCHELL

PROFESSIONAL AUDIO, VIDEO



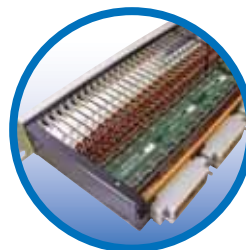
& BROADCAST EQUIPMENT

PRODUCT GUIDE

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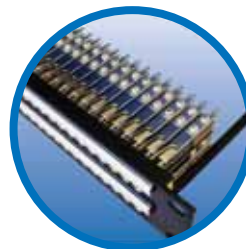
Flexi-Patch Jackfields

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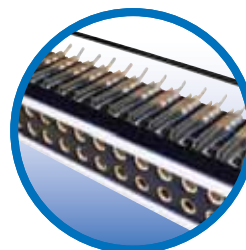
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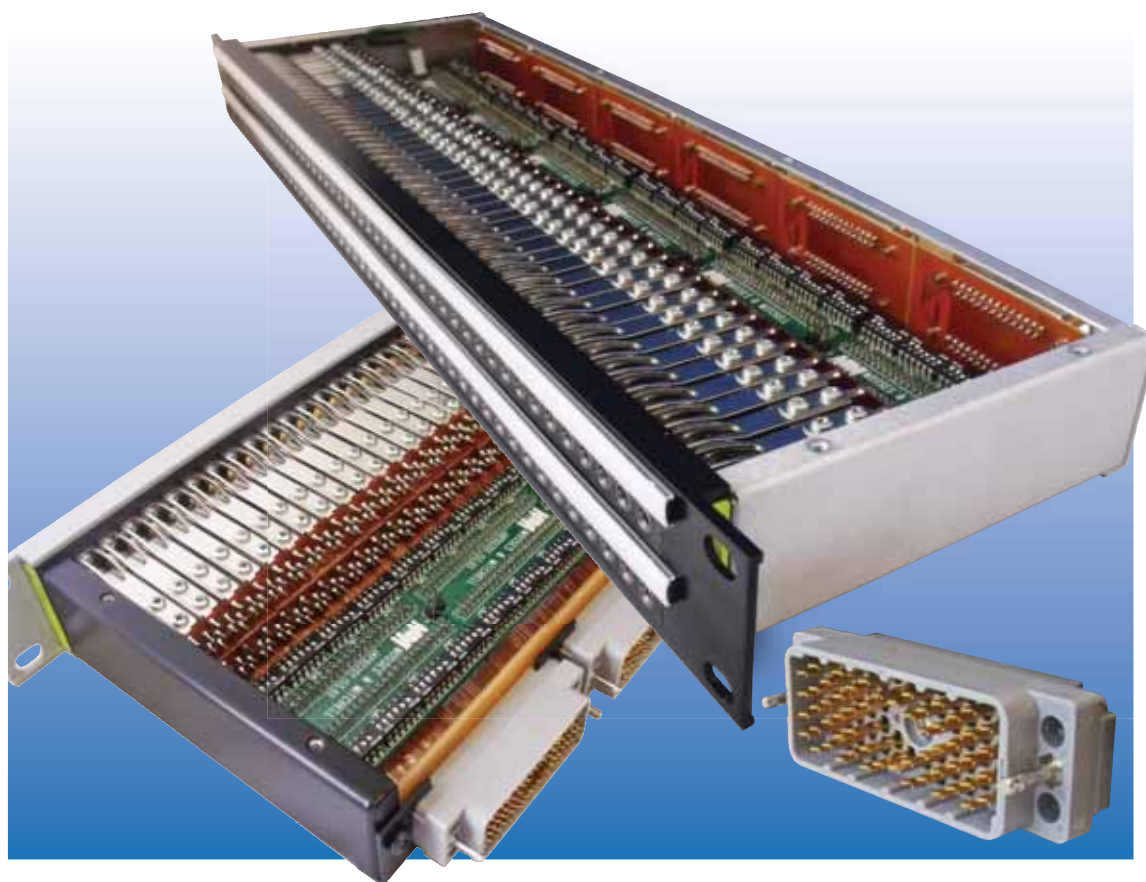
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FLEXI-PATCH JACKFIELDS

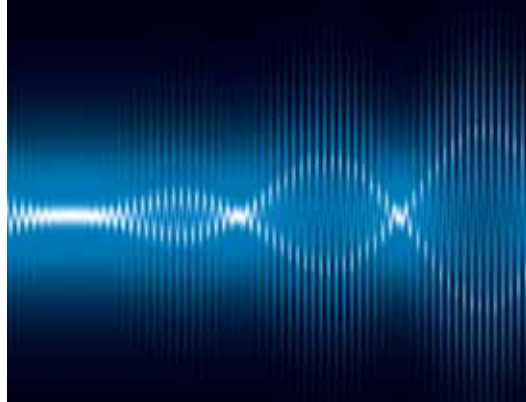
If you're seeking versatility and flexibility, look no further than the M&M Flexi-patch. Mosses & Mitchell are highly specialised in the manufacture and distribution of equipment to the broadcast and studio industries. We are committed to delivering a choice of innovative, reliable, user friendly, high quality, cost effective solutions to these industries, without ever compromising service or quality.



Product main features

- Easily configured/reconfigured for full '5 over 5' Normalled, '3 over 5' Half Normalled or '3 over 3 Jacks' Non-Normalled or combinations of each
- Prewired to simplify installation
- Connectorised to speed up installation/removal
- Earth linking or bussing available to chassis or isolated earth
- Suitable for use with analogue digital audio
- Available equal or stereo spaced
- Available in 1u
- Cross talk measurements out-perform conventional wired fields
- Clip on designation strip

FLEXI-PATCH JACKFIELDS



1U Divided Flexi-Patch MONO

Part No.	Front Panel Finish	Spacing	No. of Jacks Per Row	Bush Jacks Finish	Bush Jacks Type
JAF00202	Silver	Equal	2 x 48	Brass	–
JAF00202P	Silver	Equal	2 x 48	Nickel	–
JAF01801	Black	Equal	2 x 48	Brass	–
–	Black	Equal	2 x 48	Nickel	–

MONO

- 6 x 56 way male edac's - can also be made with female edac's
- Flexi-Patch Jackfield (closed unit) pin out option 1 FLEXIMONO 201

1U Divided Flexi-Patch STEREO

Part No.	Front Panel Finish	Spacing	No. of Jacks Per Row	Bush Jacks Finish	Bush Jacks Type
–	Silver	Stereo	2 x 48	Brass	–
JAF00903	Silver	Stereo	2 x 48	Nickel	–
JAF00101	Black	Stereo	2 x 48	Brass	–
–	Black	Stereo	2 x 48	Nickel	–

STEREO

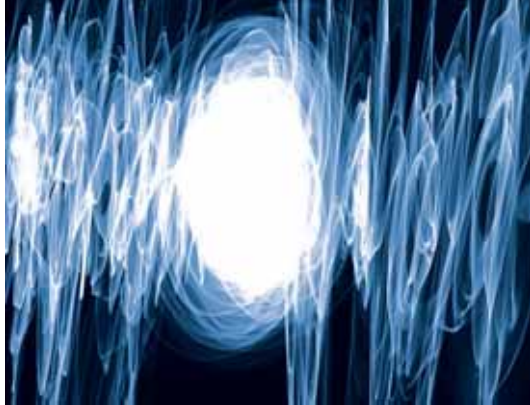
- 6 x 56 way male edac's - can also be made with female edac's
- Flexi-Patch Jackfield (closed unit) pin out option 2 FLEXSTER 701

1U Continuous Flexi-Patch DSUB

Part No.	Front Panel Finish	Spacing	No. of Jacks Per Row	Bush Jacks Finish	Bush Jacks Type
–	Silver	Equal	2 x 48	Brass	–
JAF00303SV	Silver	Equal	2 x 48	Nickel	–
–	Black	Equal	2 x 48	Brass	–
JAF00303BK	Black	Equal	2 x 48	Nickel	–

MONO

- 12 x 25 way DSUB Connectors
- Flexi-Patch Jackfield (closed unit)



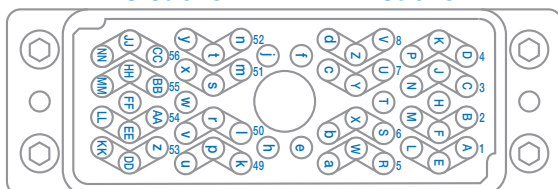
FLEXI-PATCH JACKFIELDS



Fleximono 201

C Jacks

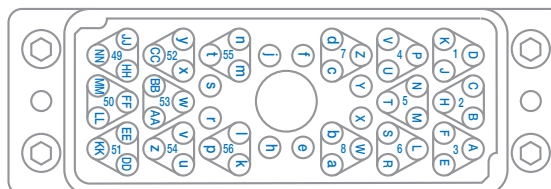
AB Jacks



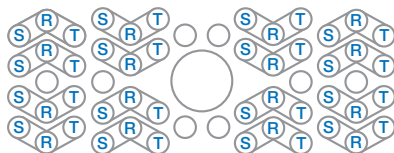
Flexster 701

C Jacks

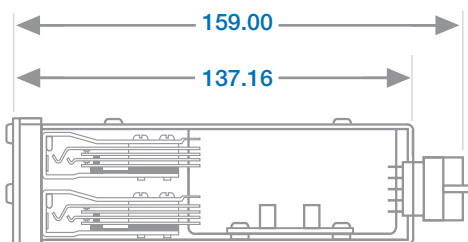
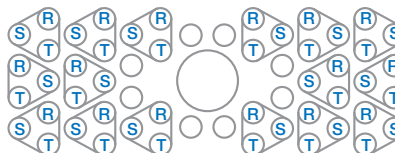
AB Jacks



T = TIP R = RING S = SLEEVE

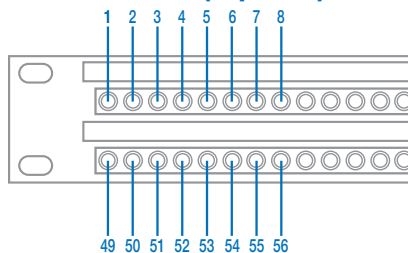


T = TIP R = RING S = SLEEVE



Side view

AB Jacks (top row)



C Jacks (bottom row)

Miniature Jack Bush

Inside Diameter **4.40mm**

Outside diameter **6.35mm**

Miniature Designation Strip Holder

436.00 x 6.00

Miniature Designation Strip (visible)

436.00 x 7.00

Shipping details for Flexi-Patch Jackfields

Packaging Box Dimensions

Width 600.00 x Depth 315.00 x Height 185.00

Gross Weight

3.5kg

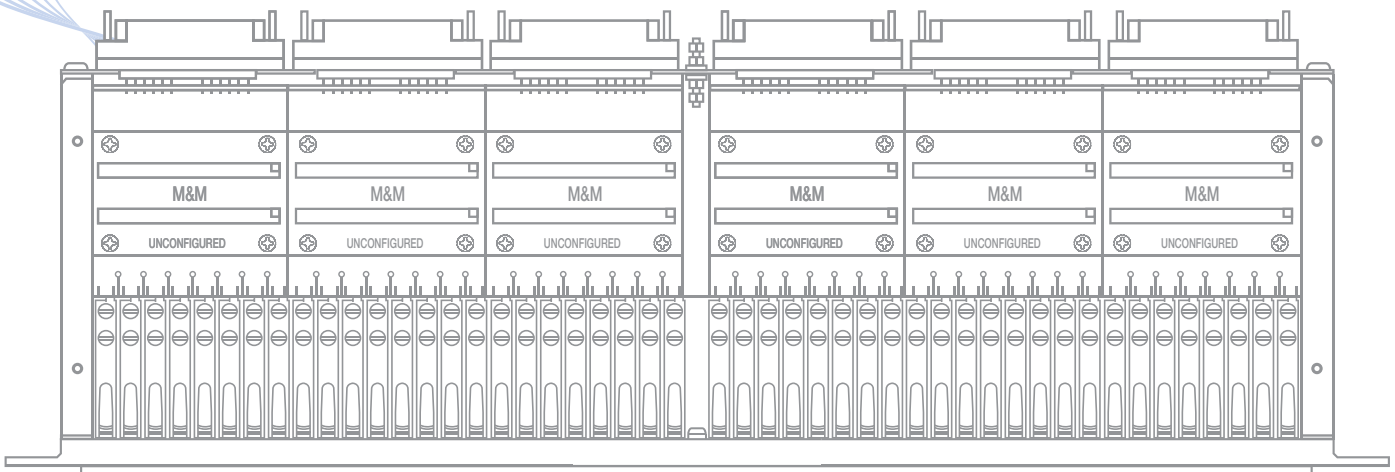
FLEXI-PATCH JACKFIELDS



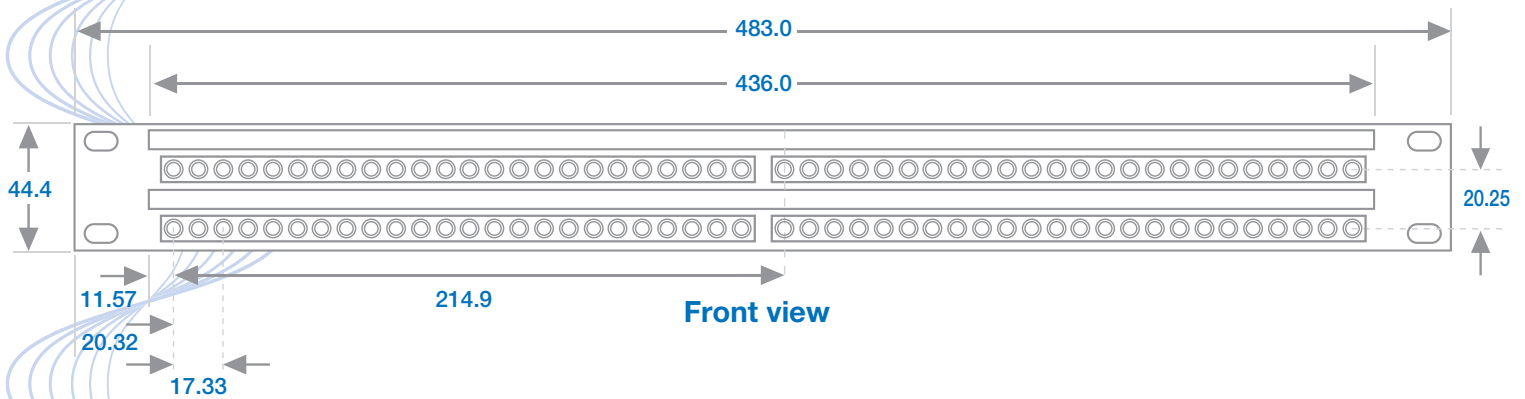
Technical Specifications all sizes in mm

Example shown:

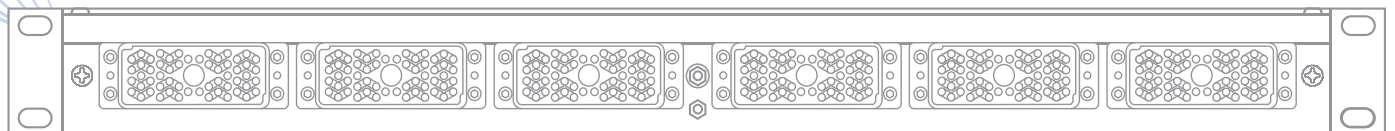
- 2 rows of 48 Jacks / Equal spaced / Divided Jackfield



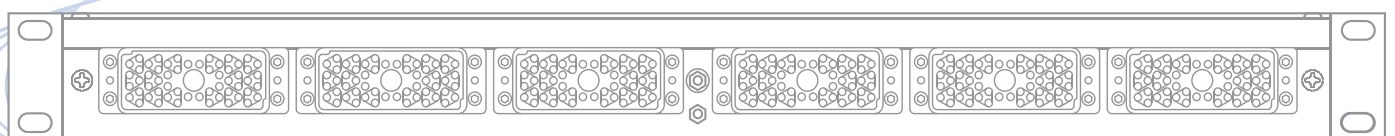
Plan view with cover removed



Front view



Rear view (Fleximono 201)



Rear view (Flexster 701)

BANTAM JACKFIELDS



Product main features

- Available as standard with 48 jacks per row. However, this does not restrict us from meeting any special requirements.
- The 1U high front panel is continuous or divided and made from aluminium extrusion. Manufactured in silver or black finishes - logos are available on request.
- Each jackfield has a plastic 130mm coated lacing bar at the rear for an excellent insulation and support for the cables in any installation.
- Each row of jacks has a dedicated clip-on designation strip for quick and easy identification of audio source and destination.
- Our comprehensive range of miniature jackfield offers considerable space-saving compared to our B-Gauge jackfields, but without sacrificing the performance and reliability expected from Mosses & Mitchell. As standard, the jackfields are available mono and stereo spaced to meet your personal preference and are fitted with Mosses & Mitchell 5-blade contacted jacks. To meet your wiring needs they are also available with 3 and 5-blade jacks for half normalling or all 3-blade jacks for parallel links etc.

BANTAM JACKFIELDS



Continuous Bantam Jackfields

Part No.	Front Panel Finish	Spacing	Bush Jacks Finish	Jacks Type	
JFM231C	Silver	Equal	Brass	5 over 5	5 over 5
JFM231SP	Silver	Equal	Nickel	5 over 5	
JFM232C	Black	Equal	Brass	5 over 5	
JFM232SP	Black	Equal	Nickel	5 over 5	
–	Silver	Stereo	Brass	5 over 5	
–	Silver	Stereo	Nickel	5 over 5	
JFM232SC	Black	Stereo	Brass	5 over 5	
JFM232CST	Black	Stereo	Nickel	5 over 5	
JFM07201	Silver	Equal	Brass	3 over 5	3 over 5
–	Silver	Equal	Nickel	3 over 5	
JFM06201	Black	Equal	Brass	3 over 5	
JFM06201P	Black	Equal	Nickel	3 over 5	
JFM07701	Silver	Stereo	Brass	3 over 5	
–	Silver	Stereo	Nickel	3 over 5	
JFM07701BK	Black	Stereo	Brass	3 over 5	
–	Black	Stereo	Nickel	3 over 5	
JFM232CP	Silver	Equal	Nickel	3 over 3	3 over 3
–	Silver	Equal	Nickel	3 over 3	
–	Black	Equal	Brass	3 over 3	
–	Black	Equal	Nickel	3 over 3	
–	Silver	Stereo	Brass	3 over 3	
–	Silver	Stereo	Nickel	3 over 3	
–	Black	Stereo	Brass	3 over 3	
–	Black	Stereo	Nickel	3 over 3	



BANTAM JACKFIELDS



Divided Bantam Jackfields

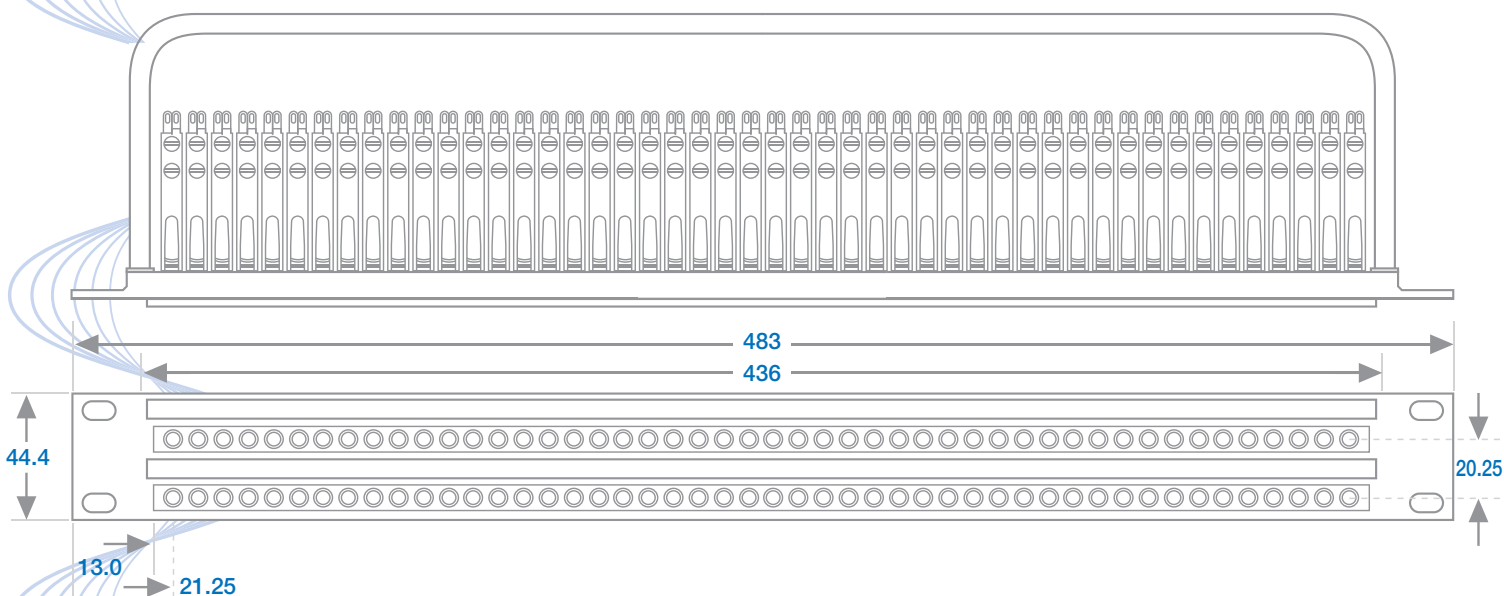
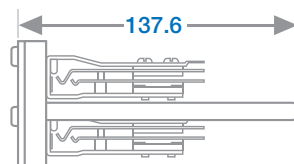
Part No.	Front Panel Finish	Spacing	Bush Jacks Finish	Jacks Type	
JFM231E	Silver	Equal	Brass	5 over 5	5 over 5
JFM231EP	Silver	Equal	Nickel	5 over 5	
JFM232E	Black	Equal	Brass	5 over 5	
JFM232EP	Black	Equal	Nickel	5 over 5	
JFM231	Silver	Stereo	Brass	5 over 5	
JFM231P	Silver	Stereo	Nickel	5 over 5	
JFM232	Black	Stereo	Brass	5 over 5	
JFM232P	Black	Stereo	Nickel	5 over 5	
JFM04701	Silver	Equal	Brass	3 over 5	3 over 5
-	Silver	Equal	Nickel	3 over 5	
JFM04701BK	Black	Equal	Brass	3 over 5	
JFM04701BKP	Black	Equal	Nickel	3 over 5	
JFM05601	Silver	Stereo	Brass	3 over 5	
JFM05601N	Silver	Stereo	Nickel	3 over 5	
JFM08001	Black	Stereo	Brass	3 over 5	
JFM08001P	Black	Stereo	Nickel	3 over 5	
JFM01601	Silver	Equal	Brass	3 over 3	3 over 3
-	Silver	Equal	Nickel	3 over 3	
JFM01602	Black	Equal	Brass	3 over 3	
-	Black	Equal	Nickel	3 over 3	
-	Silver	Stereo	Brass	3 over 3	
JFM230P	Silver	Stereo	Nickel	3 over 3	
-	Black	Stereo	Brass	3 over 3	
-	Black	Stereo	Nickel	3 over 3	

BANTAM JACKFIELDS

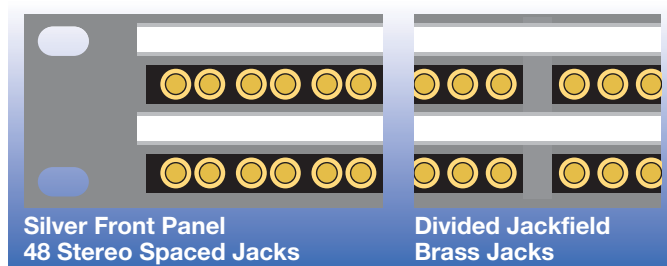
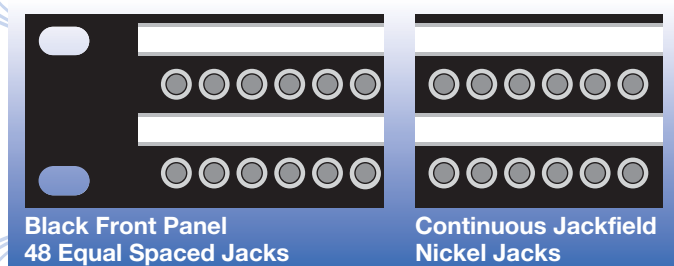
Technical Specifications all sizes in mm

Example shown:

- 2 rows of 48 Jacks / 3 bladed /
Equal spaced / Continuous Jackfield



Front Panel



Also available with / Options:

- 5 Bladed or combinations of 3 and 5 Bladed Jacks
- Equal or Stereo spaced Jacks
- Continuous or Divided Jackfield
- Nickel or Brass Jacks
- Silver or Black front panel

Due to the large number of combinations available for this product group, we are unable to show all the part references. We would therefore ask that you contact our sales office for specific details.

Miniature Jack Bush

Inside Diameter 4.40mm
Outside diameter 6.35mm

Miniature Designation Strip Holder

436.00 x 6.00

Miniature Designation Strip (visible)

436.00 x 7.00

Shipping details for Miniature Jackfields

Packaging Box Dimensions

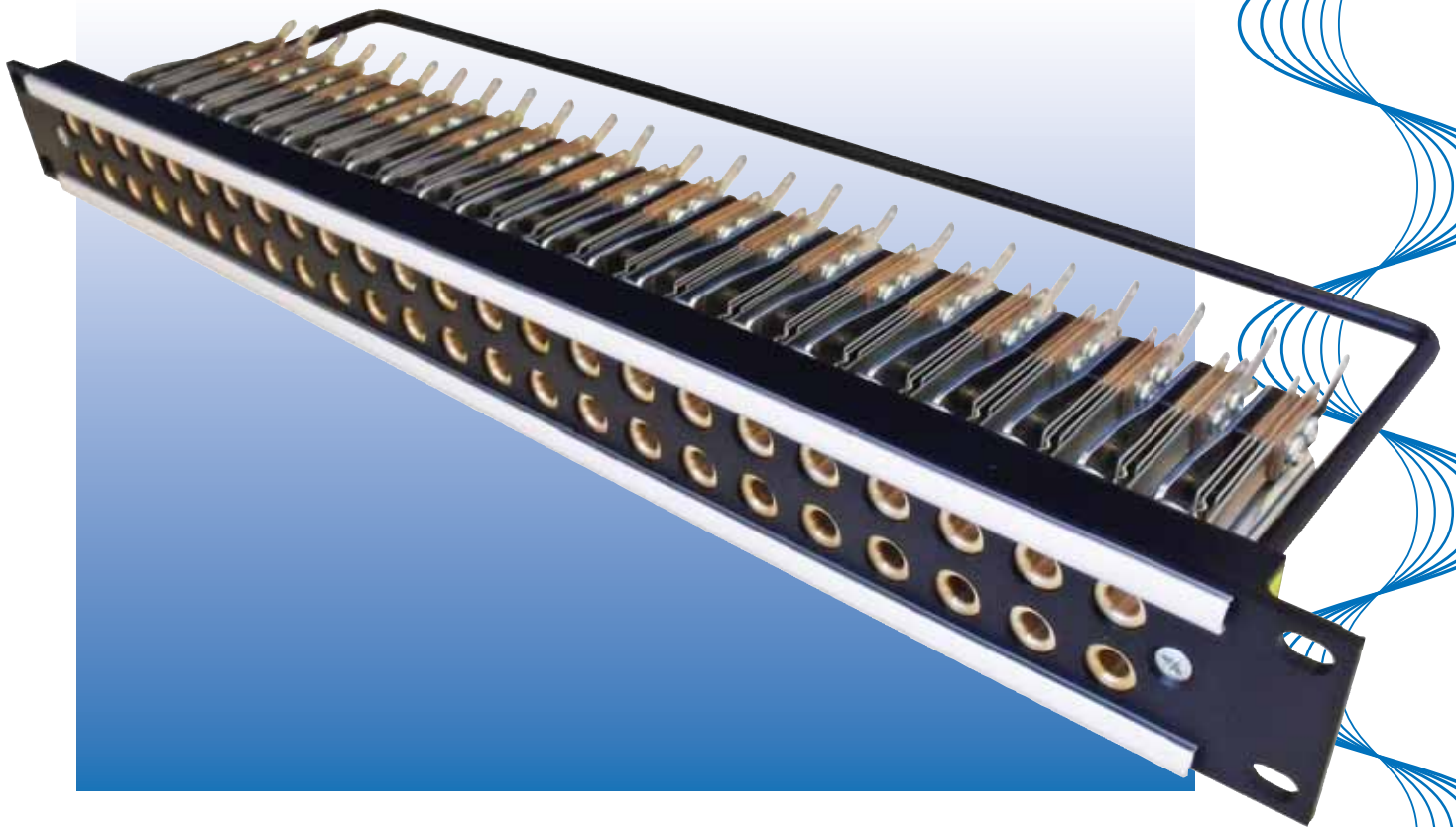
Width 555.00 x Depth 195.00 x Height 110.00

Gross Weight

3.0kg



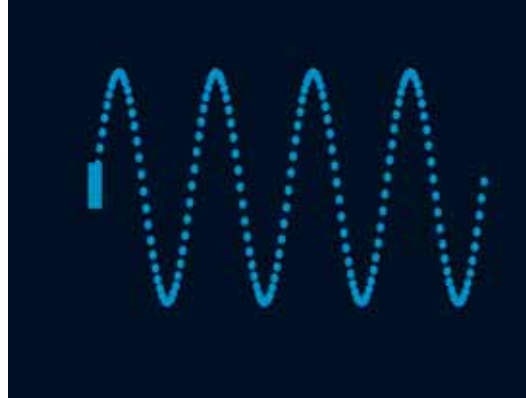
B-GAUGE JACKFIELDS



Product main features

- Available from one to six rows as standard in varying rack heights
- Each row has 20, 24, 26 or 32 jacks per row
- Most of our B-Gauge jackfields are available as stereo or equally spaced
- Front panels are aluminium and finished in clear anodised or painted. Specified paint finishes and logos available on request
- Individual lacing bar at the rear to offer excellent insulation and support for the cables in any installation
- Clip on designation strip for quick and easy identification of audio source and destination
- Easily configured/reconfigured for full '5 over 5' Normalled, '3 over 5' Half Normalled or '3 over 3 Jacks' Non-Normalled for parallel links etc. Or combinations of each

Our comprehensive range of B-Gauge jackfields provides our users with a wide range to fit your installation



M&M
MOSSES & MITCHELL

B-GAUGE JACKFIELDS

1U Continuous B-Gauge Jackfields

Part No.	Front Panel Finish	Spacing	No. of Jacks Per Row	Bush Jacks Finish	Jacks Type	
JFF120SV	Silver	Equal	1 x 20	Brass	5 contacted	5 contacted
JFF120BK	Black	Equal	1 x 20	Brass	5 contacted	
–	Grey	Equal	1 x 20	Brass	5 contacted	
JFHD220	Black	Equal	2 x 20	Brass	5 over 5	
JFF121	Silver	Equal	1 x 24	Brass	5 contacted	
JFF121BK	Black	Equal	1 x 24	Brass	5 contacted	
JFF121GY	Grey	Equal	1 x 24	Brass	5 contacted	
JFHD224	Black	Equal	2 x 24	Brass	5 over 5	
JFF131	Silver	Equal	1 x 26	Brass	5 contacted	
–	Black	Equal	1 x 26	Brass	5 contacted	
–	Grey	Equal	1 x 26	Brass	5 contacted	
JFHD226	Black	Equal	2 x 26	Brass	5 over 5	
JFHD232	Black	Equal	2 x 32	Brass	5 over 5	
–	Silver	Stereo	1 x 24	Brass	5 contacted	
–	Black	Stereo	1 x 24	Brass	5 contacted	
–	Grey	Stereo	1 x 24	Brass	5 contacted	
JFHD224SP	Black	Stereo	2 x 24	Brass	5 over 5	
JFB05901	Black	Equal	2 x 20	Brass	3 over 5	3 over 5
JFB06001	Black	Equal	2 x 24	Brass	3 over 5	
JFB06101	Black	Equal	2 x 26	Brass	3 over 5	
JFHD232B	Black	Equal	2 x 32	Brass	3 over 5	
–	Black	Stereo	2 x 24	Brass	3 over 5	
–	Black	Equal	2 x 20	Brass	3 over 3	3 over 3
JFB06000	Black	Equal	2 x 24	Brass	3 over 3	
–	Black	Equal	2 x 26	Brass	3 over 3	
JFHD23233	Black	Equal	2 x 32	Brass	3 over 3	
–	Black	Stereo	2 x 24	Brass	3 over 3	

● Also available with Nickel Bush Jacks



B-GAUGE JACKFIELDS

2U Continuous B-Gauge Jackfields

Part No.	Front Panel Finish	Spacing	No. of Jacks Per Row	Bush Jacks Finish	Jacks Type
JFF211	Silver	Equal	2 x 20	Brass	5 over 5
JFF211BK	Black	Equal	2 x 20	Brass	5 over 5
-	Grey	Equal	2 x 20	Brass	5 over 5
JFF221	Silver	Equal	2 x 24	Brass	5 over 5
JFF221BK	Black	Equal	2 x 24	Brass	5 over 5
JFF221GY	Grey	Equal	2 x 24	Brass	5 over 5
JFF231	Silver	Equal	2 x 26	Brass	5 over 5
JFF231BK	Black	Equal	2 x 26	Brass	5 over 5
-	Grey	Equal	2 x 26	Brass	5 over 5

5 contacted

- Also available with Nickel Bush Jacks
- Also available with '3 over 5' or '3 over 3' Jacks
- Stereo spacing is only available on 24 way Jackfields

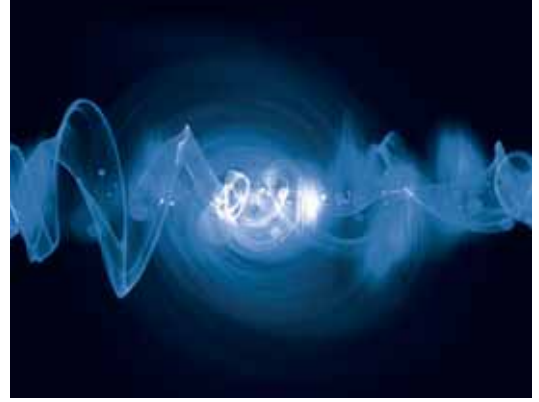
3U Continuous B-Gauge Jackfields

Part No.	Front Panel Finish	Spacing	No. of Jacks Per Row	Bush Jacks Finish	Jacks Type
JFF311	Silver	Equal	3 x 20	Brass	5 over 5
-	Black	Equal	3 x 20	Brass	5 over 5
-	Grey	Equal	3 x 20	Brass	5 over 5
JFF321	Silver	Equal	3 x 24	Brass	5 over 5
-	Black	Equal	3 x 24	Brass	5 over 5
-	Grey	Equal	3 x 24	Brass	5 over 5
JFF322	Silver	Equal	3 x 26	Brass	5 over 5
JFF322BK	Black	Equal	3 x 26	Brass	5 over 5
-	Grey	Equal	3 x 26	Brass	5 over 5

5 contacted

- Also available with Nickel Bush Jacks
- Also available with '3 over 5' or '3 over 3' Jacks
- Stereo spacing is only available on 24 way Jackfields
- 4U and 5U Jackfields also available - Same specifications as 2U and 3U Jackfields

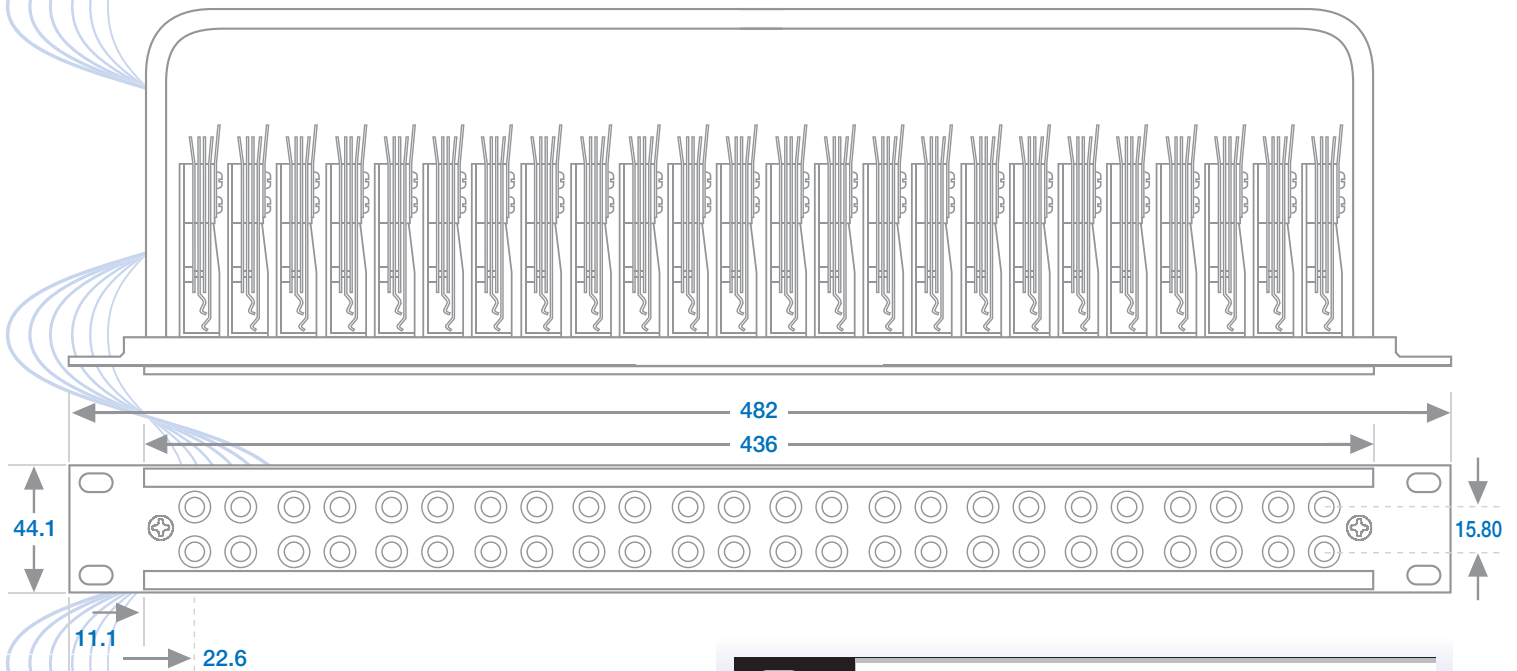
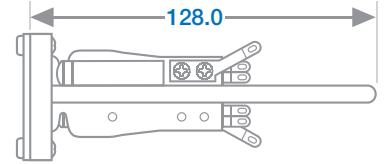
B-GAUGE JACKFIELDS



Technical Specifications all sizes in mm

Example shown:

- 2 rows of 24 5 bladed Jacks / Stereo spaced

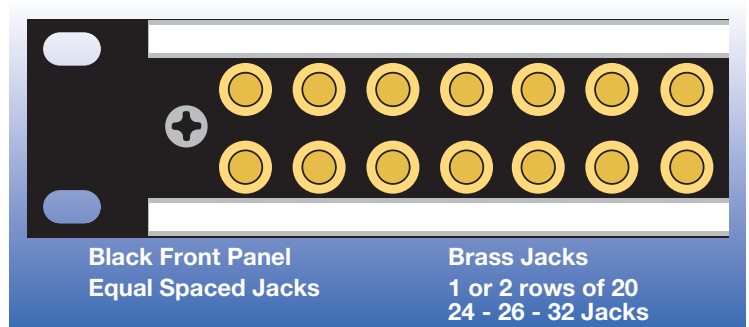


Front Panel Standard

Also available with/ Options:

- 3 Bladed or combinations of 3 and 5 Bladed Jacks
- Equal spaced or Stereo spaced Jacks on 24 way blocks only
- 1U as standard - also available in 2U, 3U, 4U and 5U on request
- 20, 24, 26 and 32 Jacks per row
- Black front panel as standard - also available in silver on request
- Nickel Bush Jacks

Due to the large number of combinations available for this product group, we are unable to show all the part references. We would therefore ask that you contact our sales office for specific details.



Black Front Panel
Equal Spaced Jacks

Brass Jacks
1 or 2 rows of 20
24 - 26 - 32 Jacks

Standard Jack Bush

Inside Diameter **6.40mm**

Outside diameter **11.30mm**

Miniature Designation Strip Holder

436.00 x 6.00

Miniature Designation Strip (visible)

436.00 x 7.00

Shipping details for Miniature Jackfields

Packaging Box Dimensions

Width 555.00 x Depth 195.00 x Height 110.00

Gross Weight

3.0kg



VIDEO BAYS

**DVMM Midi MUSA-BNC
High Definition
Serial Video Patch bay**



The next Generation of true 75'Ω Video/BNC Connectors

- The move towards high definition video processing requires a signal path capable of handling in excess of 3.0 GHz.
- The Mosses & Mitchell 75'Ω Midi High Definition Video to BNC range of products has been designed with these criteria's in mind.
- The Range is available with Midi Video-BNC connectors (compatible with the MUdigSA) in 1 and 2μ panels, with 24 or 32 way (perfect for OB Vehicles).
- A full range of U-Links and cable connectors/patch cords are also available.
- Each row of connectors has a dedicated designation strip for easy identification and to the rear a lacing bar to offer support for the cables used in installation.

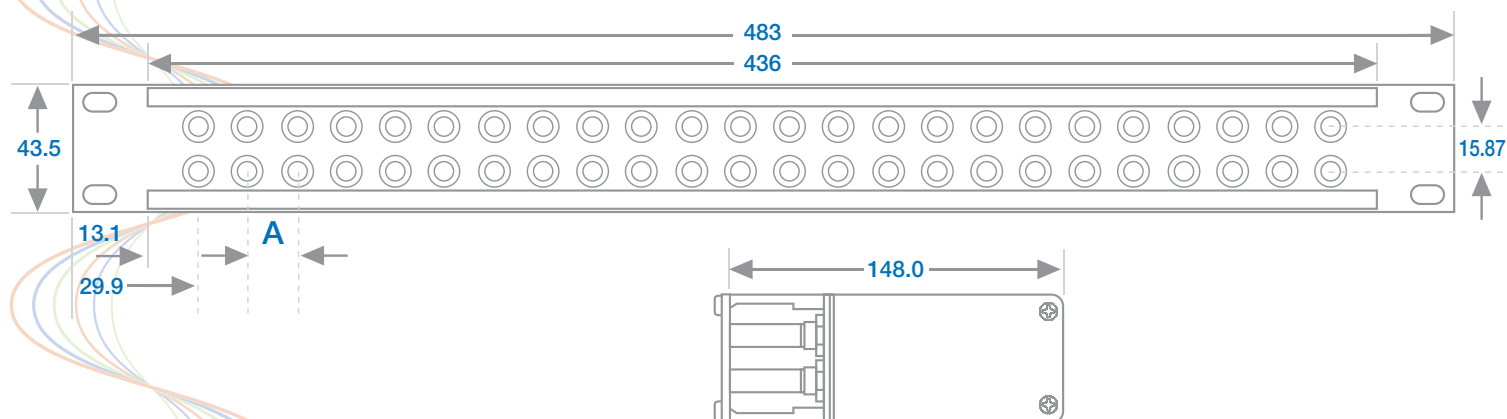
1u VIDEO PATCHFIELDS



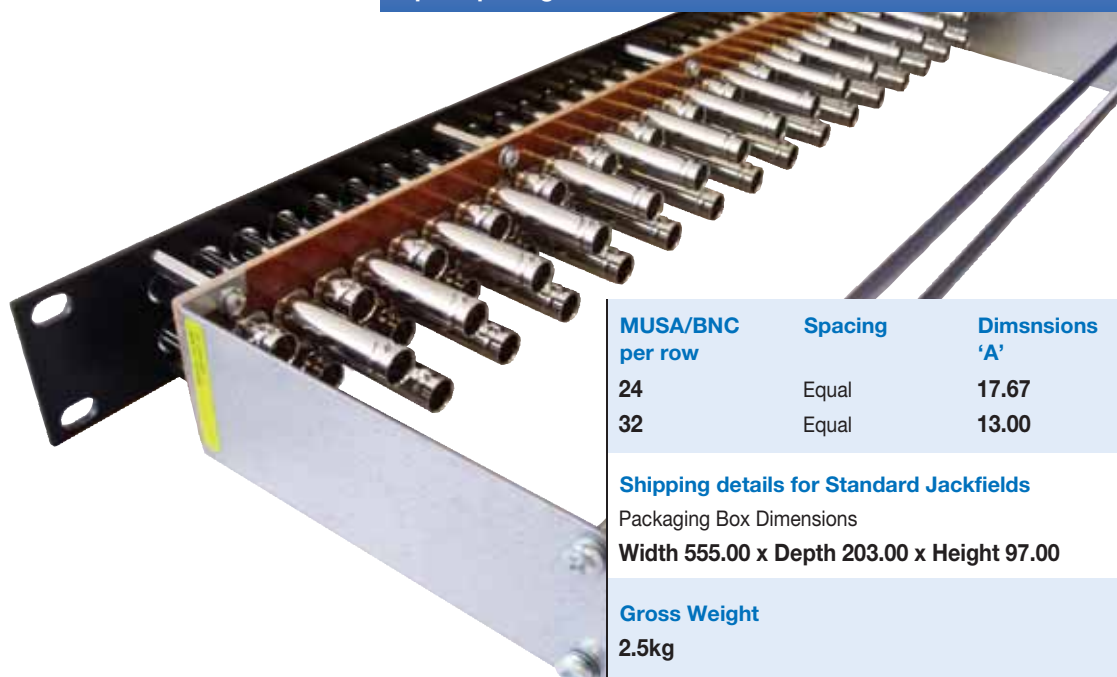
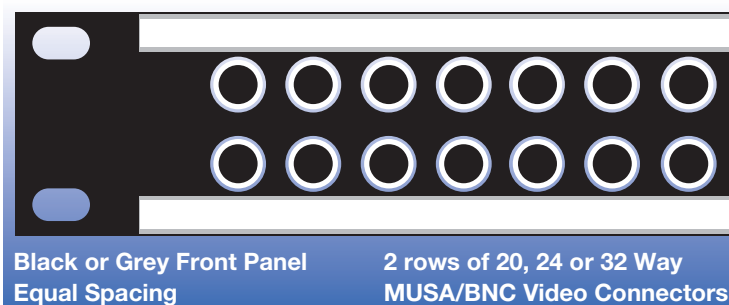
Technical Specifications all sizes in mm

Example shown:

- 2 rows of 24 MUSA / BNC Video Connectors



Front Panel



MUSA/BNC per row	Spacing	Dimnsions 'A'
24	Equal	17.67
32	Equal	13.00

Shipping details for Standard Jackfields

Packaging Box Dimensions

Width 555.00 x Depth 203.00 x Height 97.00

Gross Weight

2.5kg



BANTAM & B-GAUGE JACKS

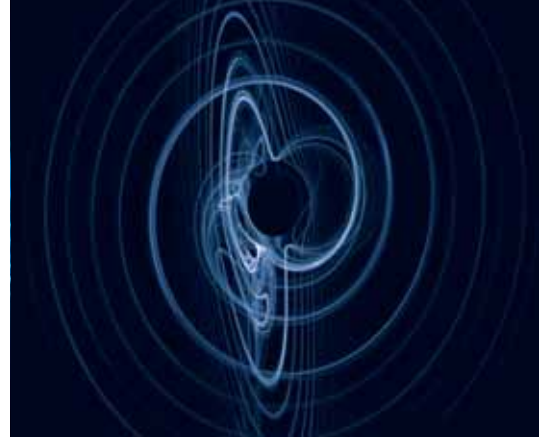


Product main features

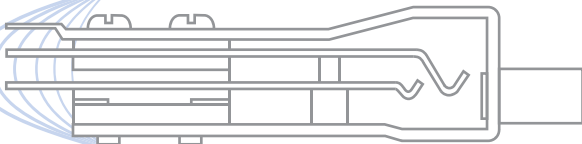
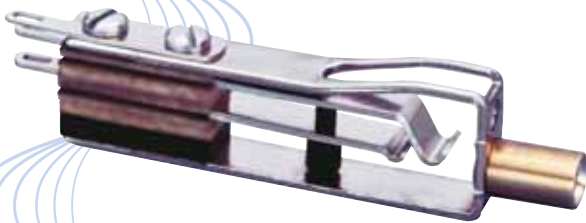
- The wrap-around form of the rigid pressed steel frame, finished in a bright nickel plate.
- The bush can be plain brass or bright nickel plated, depending on which format best suits your needs.
- The blades are made from nickel silver providing high strength and low tarnishing.
- Contact points are palladium silver.
- Self cleaning wiping action.
- There are numerous versions available, with connection to the jack via solder tags, wire wrap terminals or PCB contacts.



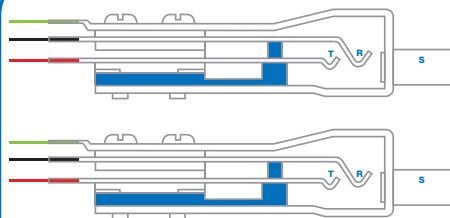
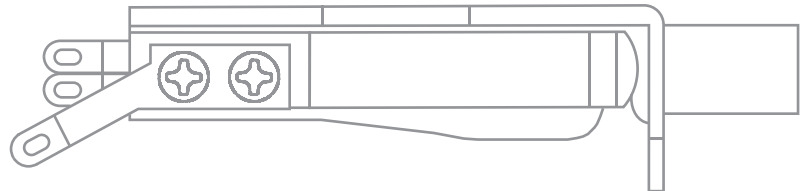
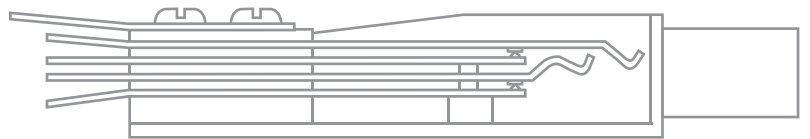
BANTAM & B-GAUGE JACKS



BANTAM JACKS Technical Specifications

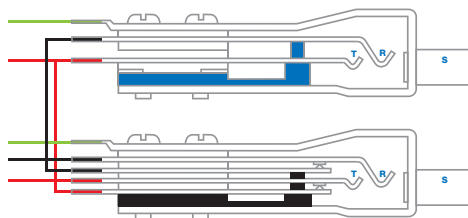


B-GAUGE JACKS Technical Specifications



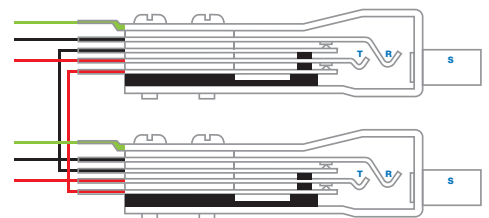
Non Normalled (3 over 3 Jacks)

A "Non-Normalled" signal path occurs when both the source and destination jacks are non-normalling jacks. Since there are no normal connection on the jacks, there can be no normal path; the signal moves straight through and cannot be interrupted via the insertion of a patch cord.



Half Normalled (3 over 5 Jacks)

A "Half-Normalled" signal path occurs when the tip (+) and Ring (-) connections of a non-normalling jack (source) are wired respectively to the Tip Normal and Ring Normal connections of a normalling jack (destination). Plugging a patch cord into the source jack (Row 1) allows the user to monitor the source signal without interrupting the normal path. The normal path can be interrupted and redirected only by inserting a plug into the destination jack (Row 2).



Full Normalled (5 over 5 Jacks)

A "Full-Normalled" signal path occurs when a pair of normalling jacks are wired together at the normals. This normal signal path can be interrupted and redirected by plugging a patch cord into either jack.



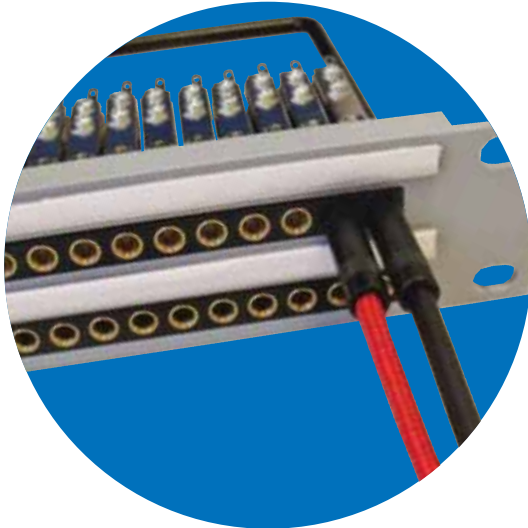
CABLE PRODUCTS & OTHER SERVICES

Special services

In addition to our wide range of products that we design and manufacture ourselves, we also offer complementary and custom products including:

- A full range of video patchcords, available in a wide variety of colours and lengths, together with 1U or 2U SDV U-Links, these are also available in several different colours.
- Moulded and Tinsel Audio patchcords for both Bantam and B-Gauge jackfields, these are also available in several different colours.
- We can also provide a custom jackfield and loom wiring service for your needs.

**Bespoke products,
tailored to your
requirements.....**



Mosses & Mitchell are the pre-eminent manufacturer of professional audio and video jacks and patch bays used the world over, having gained an enviable reputation as the premium manufacturer in our field and the No.1 choice by audio and video professionals the world over seeking the very best audio & video jacks and patch bays.

In 2010 Mosses & Mitchell were acquired by Pre-Met Ltd and the operations have been absorbed into Pre-Met quality certifications utilised in their day to day operations, manufacturing safety critical components for the Aerospace and Automotive industries; as such quality is assured.

The Mosses & Mitchell division also manufacture standard and bespoke professional audio and video patch bays required in the professional broadcast industry.

The skills resident within the Mosses & Mitchell division also complement services required by Pre-Met customers utilising:

- **Soldering** (IPC J-STD-001)
- **Lead wire preparation and assembly**
- **Electro-mechanical component assembly**
- **Wire crimping and termination**
- **Flexi-circuit assembly**
- **Bespoke low volume PCB assembly**

For more information please visit:

www.pre-met.com

We carry the following approvals:



AS9100 REV C / BS EN 9100:2009,
ISO 9001:2008
Certificate No: Q 05581

BS EN ISO 14001:2004
Certificate No: EMS544360



ISO/TS 16949:2009
Certificate No: TS505465



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