

## Video Patch Panels and Accessories High Definition MUSA

### FEATURES

- Enhanced performance
- Standard MUSA compatibility
- Choice of panel colours



Our MUSA connectors have been redesigned to give improved performance up to 3 Gbit/s. Return loss is better than  $-15\text{dB}$  up to 1.5GHz and better than  $-10\text{dB}$  up to 3GHz as required by SMPTE424M. To achieve this performance an appropriately rated BNC and cable must be used.

These panels are designed for use with U-links and patch cords to make the through connection. Each connector is tested in the panel before dispatch using a checkfield test pattern at 1080P 60 Hz through 50 metres of cable to prove reliability of the connections.

The connectors are mounted in injection moulded blocks to provide slight movement for easy alignment and complete isolation of connectors. Milled aluminium extruded front panel for rigid construction and good appearance.

Improved designation strips maximising visible area of paper and clip-on clear plastic retaining covers for ease of assembly. Lacing bar at rear.

Standard finish: Storm Grey powder coat for excellent finish and robustness

### Specification

#### Electrical

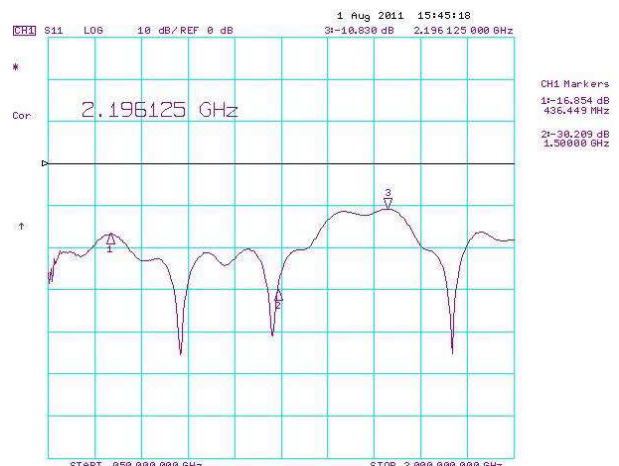
DC to 3GHz	
Contact resistance	Inner conductor $\leq 5\text{m}\Omega$ Outer conductor $\leq 3\text{m}\Omega$
Insulation resistance	$\geq 10\text{G}\Omega$
Voltage proof	1 Kveff/50HZ
Impedance (BNC)	75 $\Omega$
Return loss	$>15\text{dB}/1.5\text{GHz}$ $>10\text{dB}/3\text{GHz}$
Insertion loss	$\leq 0.3\text{dB}/3\text{GHz}$

#### Mechanical

Mating cycles	$\geq 2500$
Force to engage:	U-link 15 N Straight plug 10 N

#### Thermal and Climatic Characteristics

(According to DIN IEC 68-1 40/155/21)  
Storage and operating temperature  $-40\text{C}$  up to  $+65\text{C}$   
Moisture resistance according to MIL spec. 202



### HD MUSA JACKFIELDS

For special configurations please call the Sales Office

BES Branded Product Code	Media Branded Product Code	Description
VJF1220HDM**	VJF1220HDM**-M	Video Jackfield 1U 2 x 20 HD MUSA
VJF1224HDM**	VJF1224HDM**-M	Video Jackfield 1U 2 x 24 HD MUSA
VJF1226HDM**	VJF1226HDM**-M	Video Jackfield 1U 2 x 26 HD MUSA
VJF2220HDM**	VJF2220HDM**-M	Video Jackfield 2U 2 x 20 HD MUSA
VJF2224HDM**	VJF2224HDM**-M	Video Jackfield 2U 2 x 24 HD MUSA
VJF2226HDM**	VJF2226HDM**-M	Video Jackfield 2U 2 x 26 HD MUSA

As part of continual product improvement, the specifications, details and dimensions shown are subject to change without notice.

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## Video Patch Panels and Accessories


### High Definition MUSA Accessories

#### ACCESSORIES

U-links and patchcords can be supplied for use with these panels. The U-link has an identifying coloured cap and the patchcord has a coloured boot. The colour of both of these can be specified at the time of order.



HD MUSA VIDEO PATCHCORDS		
Product Code	Description	
PCHDM18***	HD Musa Video patchcord 18" (450mm) + Colour	
PCHDM24***	HD Musa Video patchcord 24" (450mm) + Colour	
PCHDM36***	HD Musa Video patchcord 36" (450mm) + Colour	
PCHDM48***	HD Musa Video patchcord 48" (450mm) + Colour	
Please state colour option e.g. BLA, BRO, RED, ORA, YEL, GRE, BLU, VIO, GRY, WHI		

SD MUSA U-LINK		
Product Code	Description	
ULM1***	HD Musa Video U Link SD Digital 1RU + Colour	
ULM2***	HD Musa Video U Link SD Digital 2RU + Colour	
ULBUT	10 ULINK INSERTS + COLOUR	
Please state colour option e.g. BLA, BRO, RED, ORA, YEL, GRE, BLU, VIO, GRY, WHI		

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