

Video Patch Panels and Accessories

High Definition

FEATURES

- Meets and exceeds SMPTE424M
- Mudigsa style connectors
- Proven reliability
- High density, up to 2 x 32
- Choice of panel colours
- Full range of accessories



Designed to meet the requirements of High Definition up to SMPTE 424M (HDTV) and Serial Digital (SDV) but also suitable for Analogue television, BES has redesigned the range of video jackfields to include performance up to 3 Gbit/s and new metalwork including a clip-on designation strip. 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.

Sockets 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

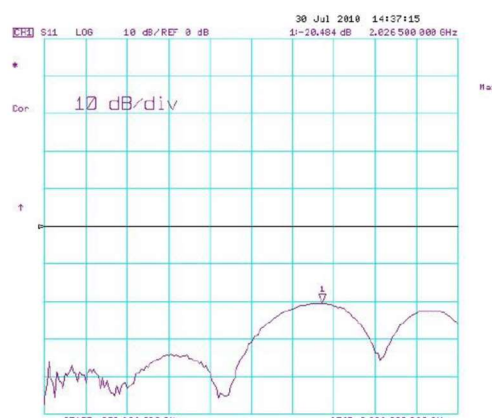
DC to 3GHz	
Contact resistance	Inner conductor $\leq 5m\Omega$ Outer conductor $\leq 3m\Omega$
Insulation resistance	$\geq 10G\Omega$
Voltage proof	1 KVe/50HZ
Impedance	75 Ω
Return loss	$>20dB/3GHz+$
Insertion loss	$\leq 0.3dB/3GHz$

Mechanical

Mating cycles	≥ 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 $-40C$ up to $+65C$
Moisture resistance according to MIL spec. 202



HIGH DEFINITION JACKFIELDS

For special configurations please call the sales office

BES Branded Product Code	Media Branded Description	Description
VJF1220HD**	VJF1220HD**-M	HDTV Video Jackfield 1 U 2 x 20 HD
VJF1224HD**	VJF1224HD**-M	HDTV Video Jackfield 1 U 2 x 24 HD
VJF1226HD**	VJF1226HD**-M	HDTV Video Jackfield 1 U 2 x 26 HD
VJF1232HD**	VJF1232HD**-M	HDTV Video Jackfield 1 U 2 x 32 HD
VJF3424HD**	VJF3424HD**-M	HDTV Video Jackfield 3 U 4 x 24 HD