Product Data Sheet

Ultra HD VJF 1U 2X24 Black

Description

With re-engineered MUDIGSA connectors for future performance expectations, these patch panels can be used for Ultra High Definition (UHD) SDI. 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 designed the range of video jackfields to include performance up to 12Ghz. 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.

Product	SKU
ULTRA HD VJF 1U 2X24 BLACK	BP-00-12241

Key Benefits

- Meets and Exceeds SMPTE® ST 2082-1
- MUdigSA Style Connectors
- Future Proof
- High Density up to 2 x 32 connectors
- Range of Accessories
- Choice of Panel Colours

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Technical Specification

Ultra HD VJF 1U 2X24 Black Specification	
Contact Resistance:	Inner Conductor ≤5mΩ Outer Conductor ≤3mΩ
Insulation Resistance:	≥10GΩ
Voltage Proof:	1KVeff/50Hz
Impedance (BNC):	75Ω
Return Loss:	>20dB/3GHz+ >0.3dB/3GHz
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