

Tech Data

PATCHBAYS

MICROBNC

12G-SDI

Description

- **2 rows** with up to **32, MicroBNC 12G-SDI 75 Ω connectors.**
- **According to SMPTE ST 2082-1** for 12G-SDI signals.
- Compatible with **IEC 61169-8.**
- Thermoplastic Insulation plate in order to isolate connectors and chassis.
- Connectors with robust encapsulated for prolonged use.



(*) Patchbay drawing with 2 X 32 MicroBNC 12G-SDI connectors.

MODEL	REFERENCE
16 conectores por fila: 2 x 16	PTR5147
32 conectores por fila: 2x 32	PT25048

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Description

The **12G-SDI Patchbay** is a panel which allows up to 24 connectors per row, these connectors are compatible with **SMPTE ST 2082-1 standard**.

Según <i>SMPTE 2082-1:2015</i>	
Frequency	Return loss
5 MHz - 1.485 GHz	-15 dB
1.485 GHz - 3 GHz	-10 dB
3 GHz - 6 GHz	-7 dB
6 GHz - 12 GHz	-4 dB

This patchbay goes on line with the *Pinanson Patchbays* of 19" (Note 2) made of extruded aluminium, maintaining the appearance and durability at the same time.

Note 2: Consult other formats.

Applications

For installations where is necessary the suitable **12G-SDI** digital video signal transmission according to **SMPTE ST 2082-1** standards.

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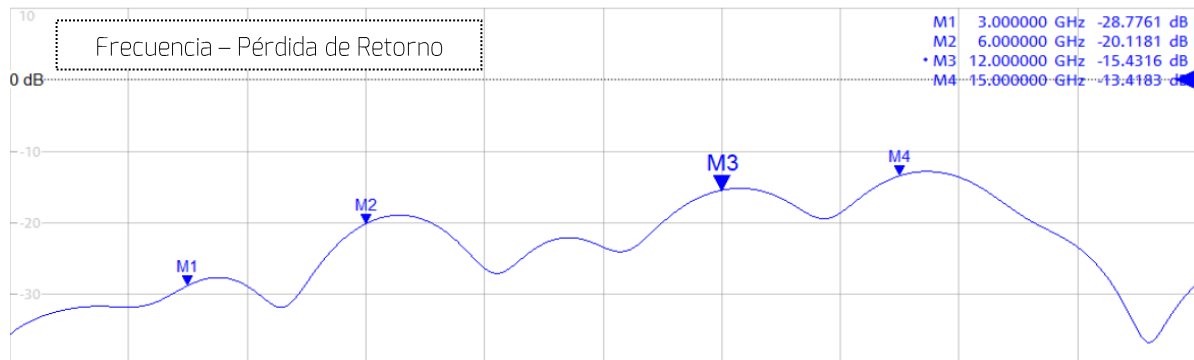
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Electrical Characteristics

Characteristic Impedance	75 Ω
Frequency Range	Hasta 12 GHz
Dielectric Withstand Voltage	1000 V _{eff}
Insulation Resistance	1000 MΩ
Return Loss	
3 GHz	-28.78 dB
6 GHz	-20.12 dB
12 GHz	-15.43 dB
15 GHz	-13.42 dB



Mechanical Characteristics

Mating Cycles	500 Cycles
Contact Retention	10 N min.

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Physical Characteristics

MicroBNC 12G-SDI connector

Body:

Material: Brass

Finish: Gold plating.

Central Contact:

Material: Beryllium

Finish: Gold plating.

Insulator:

PTFE (Polytetrafluoroethylene).

Lock Washer:

Material: Brass

Finish: Nickel

Outer Body:

Material: Brass

Finish: Nickel

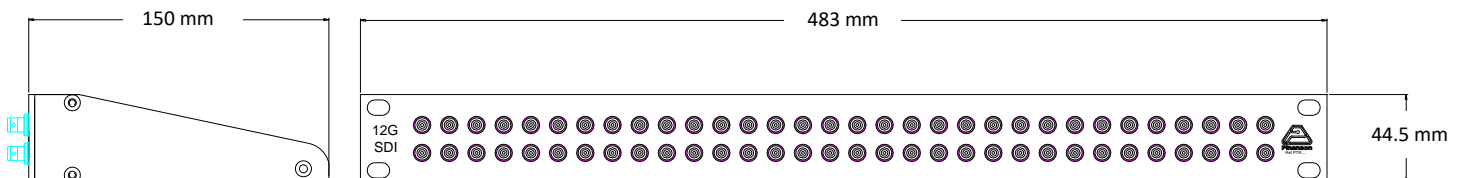
Panel

Panel Frame of extruded aluminium,
6063 Alloy, T5 Treatment.

Tie Cable Bar of steel bar of F1 calibration and 8 mm.

Painted: powder electrostatic covering 100-150 μ . Standard colour: textured matte black (consult other colours).

Labels or **direct print** for the identifications.



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PATCHBAYS MICROBNC 12G-SDI

Normative

IEC 61169-8	Radio-frequency connectors.
SMPTE ST2082-2:2015	12Gb/s Signal/Data Serial Interface – Electrical



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For possible changes due to continuous product improvements; Pinanson S.L. reserves the right to change the showed data in this document without notice. The data presented here correspond to the time it was compiled.