



**Product:** [APNS1048R](#)

## 48 Channels Longframe B-Gauge Audio Patch Panel



### Product Description

Audio Patch Panel, Mounted with 2 rows of 24 Long frame B Gauge jacks(2x24 density), 1RU rack height , Black

### Technical Specifications

#### Product Overview

Suitable Applications:	Audio system for multi-functional hall, PA Systems, the audio control system in the broadcast station, suitable for AES/EBU Signals (digital) etc.
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#### Physical Characteristics (Overall)

Height:	44.0 mm
Packaging:	Individually packaged in a cardboard inner box, 4 pieces inner box packaged in a master carton.
Weight:	2.2 kg

#### Connectors

##### Materials

Description	Material	Type
Jack		Long frame B Gauge Jack standard solder lugs
Jack contact	Palladium plated	
Jack shell	Die-casting Alloy	

#### Construction and Dimensions

Max Capacity:	48 channels
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#### Electrical Characteristics

Dielectric Strength:	0.5 kVdc
Insulation Resistance:	1 G Ohm
Contact Resistance (Spring Contact):	20 mOhm
Contact Resistance (Switch Contact):	15 mOhm
Channel Separation at 10 kHz, 600 Ohm termination:	100 dB
Channel Separation at 6 kHz, 110 Ohm termination:	40 dB

#### Temperature Range

UL Temp Rating:	-3 0°C To + 8 0°C
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#### Mechanical Characteristics

##### Dimensions (WxHxD)

Length	Height
482.7 mm	44.0 mm

#### Applicable Environmental and Other Programs

EU Directive 2011/65/EU (RoHS 2):	Yes
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## Suitability

Suitability - Indoor: Yes

## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length
APNS1048R	Black	1U	482.7 mm

## Product Notes

Notes: Components: Audio patch panel, Insertion force 25N, Withdrawal force 10N, Life time for the jack: Not less than 20000 mating cycles, Mating plug Long frame B Gauge plug MIL P 642/2

## History

Update and Revision: Revision Number: 0.14 Revision Date: 02-07-2025

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