

PATCH PANELS AND ACCESSORIES FOR AUDIO & VIDEO



Application Video Coaxial Connectors

No more jacks, but a modern and reliable connection system which guarantees total security.

LEMO offers audio and video patch panels fitted with Push-Pull connectors; this principle allows a reliable connection and avoids all risks of linkage interruption by pulling accidentally on the cable.

This quality is even reinforced by the use of connectors with goldplated contacts according to standard MIL-G-45204C type I class 1.

Standard 19" elements with various configurations are offered on panels with 1, 2 or more units. Every connector row has a label holder for the identification of the signals. Our patch panels have a satin painting which is highly resistant to abrasion (standard colours black or grey) or a heat treated painting (standard colour beige, other colours available on request) or a natural anodized finishing, reflecting the quality of your applications.



PVD 2U - 2 X 20 & 2 X 24 AZ - ABE.1S.275

Description

Characteristics	Values	
Video patch panel	19"	19"
Height	2U	2U
Connectors ABE.1S.275.NTMC	2 x 20	2 x 24
Anodized aluminium panel	•	•
Cable support bars	•	•
Blue colour washer	•	•
Identification card	•	•

General characteristics 1S.275 connectors

Characteristics	Values
Impedance	75 Ω
Operating frequency	2.2GHz
VSWR (f = GHz)	1.02 + 0.08f
Contact resistance	< 3mΩ
Shielding resistance	< 2.5 mΩ
Insulation resistance	> 10 ¹² Ω

Available in other versions

- 1U Rack, 1 x 20 and 1 x 24
- Various colours of washers
- Other configurations available on demand

Accessories

- High performing solution
Coax cables for video
- BNC Coax connectors
- Patch cables
- Bridge-plug with two non-latching plugs with or without monitoring socket



1S Series coaxial connectors (75 Ω)

This connector series is widely used for the distribution of video and synchronization signals in television control rooms as well as in studios. Similar to the 0A, this series allows the use of cables with larger dimensions.

The 1S Series also exists in 50 Ω version. This Series comprises other types of connectors not shown in this brochure.

Video applications

All our video patch panels are designed for LEMO coaxial type sockets of the 0A Series (75 Ω), 1S Series (75 Ω) or multicoaxial type sockets of the 3B Series (3 coax 75 Ω or 3 coax + 2 multi) for the High Definition TV applications.

The sockets can be arranged on one or several rows with up to 24 connections per row. The external linking can be made with 2 plugs connected by a cable or with a bridge plug.

For easy installation of the patch panels, the outputs on the rear panel are fitted with LEMO coaxial connectors 1S Series (75 Ω) or BNC connectors.



Patch panel solution and cable assembly available

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