DATASHEET

Patchpanel STP 24xRJ45 Cat.5e, 19“ 1U, RAL7035 grey

General data

The grey, shielded STP 24xRJ45 Cat.5e patch panel from EFB-Elektronik supports structured and low-interference network cabling in a 19-inch rack. With 24 RJ45 sockets and 1 U height, it is designed for compact installation in professional distribution environments.

• 24 RJ45 jacks on 1U – Enables a compact patch panel solution and provides an overview in the 19-inch rack.
• Category 5e with 100 MHz – Forms the basis for transmissions up to 2.5 Gbit and offers solid reserves in network operation.
• LSA connector for AWG 24 to AWG 22 – Supports flexible and precise installation in structured cabling.

The shielded design reduces interference and supports stable signal paths in professional network environments. The connector type RJ45 8(8) and the mounting method for 482.6 mm (19 inches) installation make the patch panel suitable for rack installations. In grey and with RAL 7035, the 1 U module fits inconspicuously into existing system environments.

Technical details
• Brand: EFB-Elektronik
• Number of bushings/couplings: 24
• Number of height units (U): 1U
• Connector type: RJ45 8(8)
• Connection type: LSA

This datasheet was created automatically on 01-11-2026 . Technical changes reserved.

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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

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- Category: 5e
- Transmission: 2.5 Gbit
- Bandwidth: 100 MHz
- Shielded: Yes
- Cross-section: AWG 24 - AWG 22
- Mounting type: 482.6 mm (19 in) Installation
- Colour: grey
- RAL number: 7035

Technical properties	
Bandwidth	100 MHz
Category	5e
Colour Code	acc. to TIA/EIA 568A/B
Complaint to UL94	V-0
Connection type	LSA
Contact Resistance	100 mΩ
Contact coating	gold plated
Cross section	AWG 24 - AWG 22
Current capacity	1.5 A
Depth	108.0 mm
Dielectric Withstanding Voltage	750 V AC 60Hz
Durability LSA contacts	200
Earthing wire	4 mm²
Electrical strength	125 V AC RMS
Height	44.0 mm
Housing material LSA-terminal	PC
Housing material Panel	Steel. 1.5mm
Housing material of RJ45 jacks	PBT
Insertion force	50 N
Insulation Resistance	1000 MΩ
Material LSA contacts	Phosphor bronze, tinned
Mating cycles RJ45 jack	750
Mounting method	482.6 mm (19 inch) mounting
Number of height units	1 U
POE Standard	4PPoE
Temperature Range (Operation)	0 – 70 °C
Transmission	2,5 Gbit
Type of connector	RJ45 8(8)
Width	482.6 mm

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screened	True

Available variants

ArtNr.	Bezeichnung	Colour	Number of buses/couplings	RAL-number
37668.1M	Patchpanel STP 24xRJ45 Cat.5e, 19“ 1U, RAL7035 grey	grey	24	7035

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product’s suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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