DATASHEET

Mini-Patchpanel STP 8xRJ45 Cat.6, 10“ 1U, RAL7035, grey





General data

The shielded mini patch panel STP 8xRJ45 Cat.6 from EFB-Elektronik ensures structured and low-interference network cabling in the 254 mm (10 inch) rack. With 8 RJ45 sockets and 1 U height, it is designed for compact installation in professional distribution environments.

• 8 RJ45 jacks on 1U – Creates a compact patch panel solution for clear distributions in a 10" rack.
• Category 6 with 250 MHz – Forms the basis for stable transmissions up to 5 Gbit and provides reserves during network operation.
• Shielded version in grey – Reduces interference and blends discreetly into existing system environments with RAL 7035.

The shielded design supports stable signal paths and reduces external interference in the distribution field. The connector type RJ45 8(8) in combination with the LSA connection type and the cross-sectional range AWG 24 to AWG 22 facilitates precise installation in structured cabling. The mounting type for 254 mm (10 inches) installation and the height of 1 U are designed for compact rack installations.

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

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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- Connection type: LSA
- Category: 6
- Transmission: 5 Gbit
- Bandwidth: 250 MHz
- Shielded: Yes
- Cross-section: AWG 24 - AWG 22
- Mounting type: 254 mm (10 inches) Installation
- Colour: grey
- RAL number: 7035

Technical properties	
Bandwidth	250 MHz
Category	6
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	254 mm (10 inch) mounting
Number of height units	1 U
POE Standard	4PPoE
Temperature Range (Operation)	-10 – 60 °C
Transmission	5 Gbit
Type of connector	RJ45 8(8)

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Width	254.6 mm
screened	True

Available variants

ArtNr.	Bezeichnung	Colour	Number of buses/couplings	RAL-number
37736.8	Mini-Patchpanel STP 8xRJ45 Cat.6, 10“ 1U, RAL7035, grey	grey	8	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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