DATASHEET

Mini-Patchpanel STP 12xRJ45 Cat.6, 10“ 1U, RAL7035 grey



General data

The shielded Cat.6 mini patch panel with twelve RJ45 sockets in grey from EFB-Elektronik ensures structured and low-interference network cabling in 254 mm (10 inches) installation. With 12 RJ45 sockets and 1 U height, it is designed for compact use in professional distribution environments.

• 12 RJ45 jacks on 1U – Creates a compact patch panel solution for clear distributions in 254 mm (10") installation.
• Category 6 with 250 MHz – Forms the technical basis for transmissions up to 5 Gbit and offers stable reserves in network operation.
• LSA connector for AWG 24 to AWG 22 – Facilitates flexible and precise installation in structured cabling.

The shielded design reduces interference and supports stable signal paths. The connector type RJ45 8(8) and the LSA connection type facilitate installation in structured cabling. With category 6 and 250 MHz, the panel is designed for transmissions up to 5 Gbit. The grey version in RAL 7035 blends inconspicuously into existing system environments.

Technical details
• Brand: EFB-Elektronik
• Number of bushings/couplings: 12
• Number of height units (U): 1U
• Connector type: RJ45 8(8)
• Connection type: LSA
• Category: 6
• Transmission: 5 Gbit
• Bandwidth: 250 MHz
• Shielded: Yes
• Cross-section: AWG 24 - AWG 22

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- 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)
Width	254.6 mm
screened	True

Available variants

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ArtNr.	Bezeichnung	Colour	Number of buses/couplings	RAL-number
37736.12	Mini-Patchpanel STP 12xRJ45 Cat.6, 10“ 1U, RAL7035 grey	grey	12	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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