

DATASHEET

Patchpanel UTP 24xRJ45 Cat.6, 19" 1U, RAL9005 black



General data

The unshielded patch panel UTP 24 x RJ45 Cat.6 / Class E from EFB-Elektronik ensures structured network cabling in the 19-inch rack. With 24 RJ45 sockets and 1 U height, it is designed for compact installation in professional distribution environments. The black version with RAL 9005 blends inconspicuously into existing system environments.

- 24 RJ45 jacks on 1U – Creates a compact patch panel solution for clear distributions in a 19-inch rack.
- Category 6 with 250 MHz – Provides the basis for transmissions up to 5 Gbit and solid reserves in network operation.
- LSA connector for AWG 26 to AWG 23 – Facilitates flexible and precise installation in structured cabling.

The patch panel is intended for 482.6 mm (19 inch) installation and combines the connector type RJ45 8(4) with the LSA connection technology. The 1U design supports space-saving integration in the rack. With its black colour scheme and RAL number 9005, it is designed for a uniform look in professional distribution fields.

Technical details

- Brand: EFB-Elektronik
- Number of bushings/couplings: 24
- Number of height units (U): 1U
- Connector type: RJ45 8(4)
- Connection type: LSA
- Category: 6
- Transmission: 5 Gbit

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- Bandwidth: 250 MHz
- Cross-section: AWG 26 - AWG 23
- Mounting type: 482.6 mm (19 in) Installation
- Colour: black
- RAL number: 9005

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 μ" gold plated
Cross section	AWG 26 - AWG 23
Current capacity	1.5 A
Depth	112.0 mm
Dielectric Withstanding Voltage	750 V AC 60Hz
Durability LSA contacts	200
Earthing wire	4 mm ²
Electrical strength	125 V AC RMS
Height	44.2 mm
Housing material LSA-terminal	PC
Housing material Panel	SECC Steel. 1.2mm
Housing material of RJ45 jacks	PBT
Insertion force	≤ 30 N
Insulation Resistance	500 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	POE+
Temperature Range (Operation)	-10 - 60 °C
Transmission	5 Gbit
Type of connector	RJ45 8(4)
Width	482.6 mm
screened	False

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Available variants

ArtNr.	Bezeichnung	Colour	Number of buses/couplings	RAL-number
37583SW.1	Patchpanel UTP 24xRJ45 Cat.6, 19" 1U, RAL9005 black	black	24	9005

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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