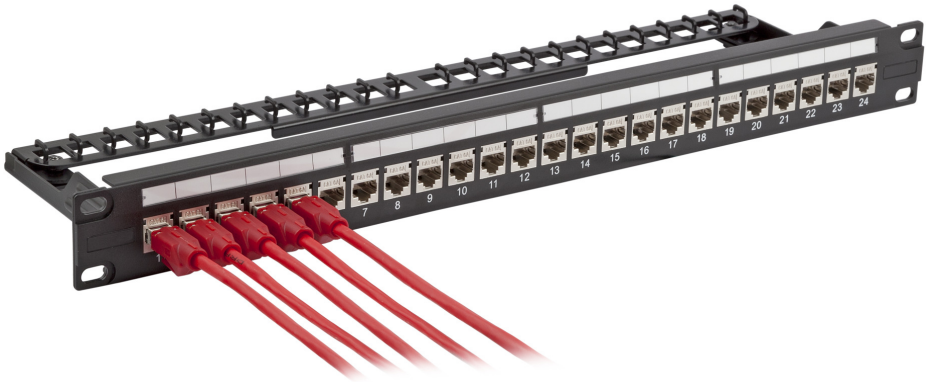
DATASHEET

CAT.6A 24-Port Patch-Panel 19" 1U armed with mounting-adapter







General data

The shielded 24-port Cat.6A patch panel from EFB-Elektronik is equipped with built-in adapters and designed for structured network cabling in a 19-inch rack. With 24 keystone connections on 1U, a compact solution for professional distribution environments is created. The black version in RAL 9005 ensures unobtrusive integration into existing system environments.

• 24 keystone ports on 1U – Creates a space-saving and clear patch panel solution for installation in a 19-inch rack.
• Category 6A with 500 MHz – Provides the basis for transmissions up to 10 Gbit and high reserves in network operation.
• Black shielded design – Reduces interference and supports stable signal paths in professional cabling.

The shielded design improves signal quality and supports low-interference transmission in the rack. The connector type RJ45 8(8) and the Keystone connection type are suitable for structured cabling in distribution fields. With the mounting type for 482.6 mm (19 inches) installation and the height of 1 U, the patch panel is intended for compact, professional installations. The colour black with RAL 9005 blends discreetly into the existing infrastructure.

Technical details
• Brand: EFB-Elektronik
• Number of bushings/couplings: 24
• Number of height units (U): 1U
• Connection type: Keystone
• Connector type: RJ45 8(8)
• Category: 6A (TIA)
• Transmission: 10 Gbit

This datasheet was created automatically on 23-11-2026 . Technical changes reserved.

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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

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CAT.6A 24-Port Patch-Panel 19" 1U armed with mounting-adapter

- Bandwidth: 500 MHz
- Shielded: Yes
- Mounting type: 482.6 mm (19 in) Installation
- Colour: black
- RAL number: 9005

Technical properties	
Bandwidth	500 MHz
Category	6A (TIA)
Colour Code	acc. to TIA/EIA 568A/B
Complaint to UL94	V-0
Connection type	Keystone
Contact Resistance	≤ 20 mΩ
Contact coating	gold plated µ" gold plated
Cross section	-
Current capacity	1.5 A
Depth	125.0 mm
Dielectric Withstanding Voltage	750 V AC 60Hz
Durability LSA contacts	200
Earthing wire	4 mm²
Electrical strength	125 V AC RMS
Height	44.5 mm
Housing material LSA-terminal	PC
Housing material Panel	Steel
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	4PPoE
Temperature Range (Operation)	-10 – 60 °C
Transmission	10 Gbit
Type of connector	RJ45 8(8)
Width	482.6 mm
screened	True

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Available variants				
ArtNr.	**Bezeichnung**	**Colour**	**Number of buses/couplings**	**RAL-number**
37598.1	CAT.6A 24-Port Patch-Panel 19" 1U armed with mounting-adapter	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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