DATASHEET

Patchpanel STP 24xRJ45 Cat.6A/Class EA, 19“ 1U, RAL9005 black





General data

The black, shielded patch panel STP 24xRJ45 Cat.6A/Class EA from EFB-Elektronik is designed for clean and low-interference network distribution in a 19-inch rack. With 24 RJ45 sockets and 1U height, a compact solution for professional distribution environments is created.

• 24 RJ45 jacks on 1U – Enables a space-saving patch panel solution for clear distributions in a 19-inch rack.
• Category 6A with 500 MHz – Creates the technical basis for transmissions up to 10 Gbit and offers high reserves in network operation.
• LSA connector for AWG 26 to AWG 22 – Supports flexible and precise installation in structured cabling.

The shielded design reduces interference and supports stable signal paths via the connector type RJ45 8(8). The mounting for 482.6 mm (19 inches) installation makes the module suitable for professional rack installations. In black with RAL 9005, it blends 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
• Category: 6A (TIA)
• Transmission: 10 Gbit
• Bandwidth: 500 MHz
• Shielded: Yes

This datasheet was created automatically on 16-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

Patchpanel STP 24xRJ45 Cat.6A/Class EA, 19“ 1U, RAL9005 black

- Cross-section: AWG 26 - AWG 22
- 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	LSA
Contact Resistance	≤ 20 mΩ
Contact coating	gold plated µ" gold plated
Cross section	AWG 26 - AWG 22
Current capacity	1,8 A
Depth	109.0 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	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	4PPoE
Temperature Range (Operation)	-10 – 60 °C
Transmission	10 Gbit
Type of connector	RJ45 8(8)
Width	482.6 mm
screened	True

This datasheet was created automatically on 16-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

Patchpanel STP 24xRJ45 Cat.6A/Class EA, 19“ 1U, RAL9005 black

Available variants				
ArtNr.	**Bezeichnung**	**Colour**	**Number of buses/couplings**	**RAL-number**
37656.1	Patchpanel STP 24xRJ45 Cat.6A/Class EA, 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.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION