DATASHEET

ECOLAN® Patchpanel UTP 24xRJ45 Cat.5e, 19“ 1U, RAL9005 black





GHMT

1Gbit

General data

The unshielded ECOLAN patch panel UTP 24xRJ45 Cat.5e from EFB-Elektronik provides structured network cabling in a 19-inch rack. With 24 RJ45 sockets and 1 U height, it is designed for compact installation in professional distribution environments.

- 24 RJ45 jacks on 1U – Creates a compact patch panel solution for clear distributions in a 19-inch rack.
- Category 5e at 100 MHz – Provides the basis for transmissions up to 2.5 Gbit and a solid network structure.
- LSA connector for AWG 26 to AWG 22 – Facilitates flexible and precise installation in structured cabling.

The unshielded design supports use in compact rack installations and is suitable for clean, standardized signal distribution. The connector type RJ45 8(4) and the mounting type for 482.6 mm (19 inches) installation make the 1U module suitable for professional distribution environments. In black and 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(4)
- Connection type: LSA
- Category: 5e
- Transmission: 2.5 Gbit
- Bandwidth: 100 MHz
- Mounting type: 482.6 mm (19 in) Installation
- Colour: black
- RAL number: 9005

This datasheet was created automatically on 10-11-2026 . Technical changes reserved.

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• Cross-section: AWG 26 - AWG 22

Technical properties	
Bandwidth	100 MHz
Category	5e
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 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	44.0 mm
Housing material LSA-terminal	PC
Housing material Panel	SPCC Steel. 1.5mm
Housing material of RJ45 jacks	PBT
Insertion force	20 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	2,5 Gbit
Type of connector	RJ45 8(4)
Width	482.6 mm
screened	False

Available variants

ArtNr.	Bezeichnung	Colour	Number of buses/couplings	RAL-number

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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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