DATASHEET

ECOLAN® Patchpanel UTP 24xRJ45 Cat.6, 19“ 1U, RAL9005 black





General data

The black ECOLAN patch panel UTP 24xRJ45 Cat.6 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 6 with 250 MHz – Provides a solid basis for transmissions up to 5 Gbit and high reserves in network operation.
• LSA connector for AWG 26 to AWG 22 – Facilitates flexible and precise installation in structured cabling.

The unshielded version is designed for clear patch structures in the rack and fits into existing system environments with the black version. The connector type RJ45 8(8), the mounting method for 482.6 mm (19 inches) installation and the combination of Category 6 and 250 MHz form a practical basis for professional network installations.

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: 6
• Transmission: 5 Gbit
• Bandwidth: 250 MHz
• Cross-section: AWG 26 - AWG 22
• Mounting type: 482.6 mm (19 in) Installation
• Colour: black
• RAL number: 9005

Technical properties

Bandwidth	250 MHz
Category	6

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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. 1.2mm
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	5 Gbit
Type of connector	RJ45 8(8)
Width	482.6 mm
screened	False

Available variants

ArtNr.	Bezeichnung	Colour	Number of buses/couplings	RAL-number
11324126	ECOLAN® 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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