Essential-6 Patch Panels

Essential-6 Patch panel 1HU 24 Cat 6 ports, rear connection, black

Nexans ref.: N424.610

- Complies to the latest Category 6 standard
- Punchdown from the rear side
- Unshielded

Description

Application

The Nexans Essential-6 rear connect panel is based on 19" frame dimensions and has 24 Category 6 RJ45 ports on 1HU. It supports Class E applications up to 250 MHz. When installed in conjunction with Essential-6 cable and outlets, a 20 year Class E Link Certificate can be obtained from the Nexans e-service site.

Design

The Essential-6 rear connect panel is compatible with the complete Essential-6 range and can be used with all types of UTP Category 6 cable with solid wire from 22 to 24 AWG. The panel comes in smooth painted black and is also available in grey-white finish (N424.600). Transparent label holders are positioned over screen-printed numbering 1-24 which can be covered by included paper labels for customised port identification.

Performance

The Essential-6 patch panels are compliant with the specifications of ISO/IEC 11801 and IEC 60603-7.

Installation

- Fast and easy termination of IDC blocks by LSA+ punchdown tooling.
- Wiring according to colour code T568A or T568B.
- An optional cable management support is available for extra strain relief (N424.512).
- Supplied with fixings and tie-wraps.
- For detailed installation instructions, we refer to the Product Manual enclosed with every panel.

essential-6

Standards

International IEC 60603-7-4; ISO/IEC 11801

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Characteristics

Construction characteristics	
Connector type	RJ45 and LSA+ IDC
Dimensional characteristics	
Heightunit	1 U
Depth	28.4 mm
Usage characteristics	
Category	Cat. 6
Range	essential
Component function	Patch panel
Number of ports	24

Electrical and Mechanical Characteristics

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Contact resistance:	max. 20 m Ohm
Input to output DC resistance:	max. 200 m Ohm
Insulation resistance:	min. 500 M Ohm
Voltage proof:	1000 V DC or AC peak, contact to contact
Mating cycles:	min. 750
Insertion cycles:	min. 20
Insertion and withdrawal force:	max. 20 N