Patch panel rack 1U 24 x RJ45 Cat6A SFTP

Application

The Rj45 patch panel is used as jumperboard in application-independent wiring systems and is designed for installation into 19" frames. The patch panel supports 10 Gbit Ethernet.

Featrues & Design

- Better than cat. 6 acording to ISO/IEC 60603-7-5
- 24 individually shielded Rj45 jacks Cat.6A, 1U format, to be installed in a 19" rack
- Suitable for receiving conductors AWG 22-26
- Printed with numbers 1...24

Technical specification

Mechanical values

- Material
  - Chassis..sheet steel, zinc-plated, partly powder-coated
  - Cover... sheet steel, zinc-plated
  - RJ45 contacts..........................high-performance copper alloy, contact surface > 1 µm gold
  - LSA contacts..CuSn, tin-plated
- Allowed wire diameter, solid wire..AWG 26 to AWG 22
- Allowed wire diameter, stranded wire..AWG 24/7 to AWG 22/7
- Allowed insulation diameter..0.7 to 1.6 mm
- Min. RJ45 plug cycles according to ISO/IEC 11801 2nd Edition..> 1000
- Dimensions
  - Width...482.6 mm
  - Height. 45mm
  - Depth...125 mm
  - Fastening dimension..465 mm
- Weight..1.2 kg

Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.

Electrical values

- Better than Cat. 6 according to ISO/IEC 60603-7-5
- Electric strength according to IEC 60603-7...> 1000 V
- Insulation resistance according to IEC 60603-7...> 500 MΩ (500 V_{DC})
- Contact resistance according to IEC 60603-7...< 5 mΩ

Climate area

For application in dry or damp rooms without condensation

- Temperature range during storage..-40 to +70 °C (-40 to 158 °F)
- Temperature range during operation..-15 to +60 °C (5 to 140 °F)

Standards

- ISO/IEC 11801 am2 Ed. 2.0 (2010-04)
  Amendment 2 - Information technology - Generic cabling for customer premises
- EN 50173-1:2007/prAB:2009 (2009-10)
  Information technology - Generic cabling systems
- TIA/EIA-568-C.2 (2009-08)
  Balanced Twisted-Pair Telecommunications Cabling and Components Standards
- ISO/IEC 60603-7-5

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