

**R305885 19" 1U Patch Panel 16xRJ45/s, Cat.5e, fully populated**

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090.5334

**Scope of supply**

- 19" 1U 16-port patch panel, empty, shielded
- 16 Cat.5e connection modules, RJ45/s incl. EMC covers and dust covers
- 19" mounting kit
- 3 jumpering brackets
- 4 labeling strips
- Cable ties
- Installation instructions

**Weight**

889.500 G

**Technical Data**

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Standardisation	IEC 60603-7: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801 ed. 2.2: June 2011; EN 50173-1: May 2011;
Fastening (inch)	19"
Height Units (U)	1
Rack mounting version	Patch Panel
Capacity (ports)	16
Number of connectors (A)	16
Connector type (A)	RJ45
Category connector (A)	Cat.5e
Shielding - connector (A)	Yes
Holder for connector / module	Support Plate
Color code NCS	2502-B
Color	medium gray
Assembly	fully populated
Dimensions	43.2 x 482.2 x 106 mm
Material	plastic: PC, fiber-glass reinforced

**Tender text**

19" 1U Patch Panel, 16 x RJ45, Cat.5e, shielded

Patch panel with integrated cable tie shelf and implemented 19" grounding kit, 19" fastening kit, labeling field, integral cable guiding on the same height unit, designed to accommodate the R&M security and the R&M environment system, halogen-free materials, color patch panel medium gray (NCS 2502-B), jumpering bracket gray (RAL 7000).

Populated with 16 shielded RJ45 connection modules of Category 5, for establishing transmission channels of class D with up to 4 plugged connections and class E with up to 2 plugged connections when using a R&M Cat.7 system cable, complies with Category 5 requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1, May 2011 (DIN EN 50173-1) as well as ANSI/TIA/EIA 568C, de-embedded tested in acc. with IEC 60603-7-3, interoperable and backwards compatible with Category 5e (2000) and Category 5 (1995).

Suitable for 1GBase-T applications in acc. with IEEE 802.3 over 100 m.

Tested in line with R&M's manufacturing control, performing 100% inspection.

Compatible with RJ standard plugs (RJ11, RJ12, RJ45), PCB-free and tool-free Easy-Lock connection of installation cables AWG 24 – 22 (0.5 mm – 0.65 mm) and flexible cables AWG 26/7 – AWG 22/7 (as of production date 07461).

Parallel pair termination without crossover in acc. with EIA/TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with single-wire strain relief and >20 insertion cycles, contact resistance 1000 Veff. Shield contacting by patented shield lance with integral cable strain relief, shield material tin-coated bronze, ground contacting through 2 contact fingers for flat connectors 4.8 x 0.5 mm, with EMC cover.

Material: halogen-free and heavy-metal free in acc. with EU directives RoHS and WEEE.

Connection module Cat.5e, with EMC cover, dust cover, mounting plate, cable tie and installations instructions.

**Modules & Accessories**

R305685	Hinged Dust Cover, anthracite
R305686	Hinged Dust Cover, blue
R305687	Hinged Dust Cover, brown
R305688	Hinged Dust Cover, yellow
R305689	Hinged Dust Cover, gray
R305690	Hinged Dust Cover, green
R305691	Hinged Dust Cover, red
R305692	Hinged Dust Cover, violet
R305693	Hinged Dust Cover, white
R25107	Coding "A" for RJ45 Jack, anthracite
R25676	Coding "B" for RJ45 Jack, white
R310835	Plug Reduction Frame RJ45 onto RJ11/RJ12
R304825	Plug Guard RJ45, green
R304826	Plug Guard RJ45, red
R304827	Plug Guard RJ45, white
R306058	Splash Cap IP54, blue
R306060	Splash Cap IP54, yellow
R306061	Splash Cap IP54, green
R306062	Splash Cap IP54, red
R306063	Splash Cap IP54, white
R306039	Labeling Sheet to 16-Port Patch Panel
R306181	19" Lateral Radius Guard, left and right
R306179	19" 1U Cable Management Plastic, 70 mm plastic ring
R306180	19" 2U Cable Management Plastic, 70 mm plastic ring