

R305887 19" 1U Patch Panel 16xRJ45/s, Real10 Cat.6, fully populated

010.2175

**Scope of supply**

- 19" 1U 16-port patch panel, empty, shielded
- 16 Real10 Cat.6 connection modules, RJ45/s incl. EMC covers and dust covers
- 19" mounting kit
- 3 jumpering brackets
- 4 labeling strips
- Cable ties
- Installation instructions

Weight

879.100 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) | Real10 Cat.6 |
| 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, Real10 Cat.6, 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 6, for the establishing of transmission channels of class E and class EA with up to 4 plugged connections, and class F on 2 pairs, complies with Category 6 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 60603-7-5, interoperable and backwards compatible with Category 5e and Category 5.

Suitable for 10GBase-T applications in acc. with IEEE 802.3an up to 500 MHz and 100 m.

Tested in line with R&M's manufacturing control, performing 100% inspection, plus permanent quality assurance through the "GHMT PREMIUM Verification Program" including certificate and test report acc. to DIN-EN ISO/IEC 17025, in German language.

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. 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.

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

Connection module Cat.6, shielded, with EMC cover, dust cover, mounting plate, cable tie and installation 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 |