

**R305888 19" 1U Patch Panel 16xRJ45/u, Cat.6, fully populated**

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010.2178

**Warranty**

5 Years + extended warranty

**Scope of supply**

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

**Weight**

673.000G

**Technical Data**

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|                               |                                     |
|-------------------------------|-------------------------------------|
| Rack mounting version         | Patch Panel                         |
| Connector type (A)            | RJ45                                |
| Number of connectors (A)      | 16                                  |
| Category connector (A)        | Cat.6                               |
| Shielding - connector (A)     | No                                  |
| Holder for connector / module | Support Plate                       |
| Assembly                      | fully populated                     |
| Material                      | plastic: PC, fiber-glass reinforced |
| Color code NCS                | 2502-B                              |
| Color                         | medium gray                         |
| Dimensions                    | 43.2 x 482.2 x 106 mm               |
| Dispatch weight               | 673.000                             |
| Unit of dispatch weight       | G                                   |

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## Tender text

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19" 1U Patch Panel, 16 x RJ45, Cat.6, unshielded

Patch panel with integrated cable tie shelf, 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 unshielded RJ45 connection modules of Category 6, for the establishing of transmission channels of class E with up to 4 plugged connections, complies with Category 6 requirements of the standards ISO/IEC 11801:2002, EN 50173-1: May 2007, DIN-EN 50173-1: Dec. 2007 as well as ANSI/TIA/EIA 568-B.2-1, de-embedded tested in acc. with IEC 60603-7-4, interoperable and backwards compatible with Cat.5e and Cat.5.

Suitable for 10GBase-T applications in acc. with IEEE 802.3an up to 500 MHz and 55 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. 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. Halogen-free materials. With integral cable strain relief, including dust cover.

Connection module Cat.6, unshielded, with dust cover, mounting plate, cable tie and installation instructions.

## Modules & Accessories

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|         |   |
|---------|---|
| R25107  | Coding "A" for RJ45 Jack, anthracite                |
| R25676  | Coding "B" for RJ45 Jack, white                     |
| R304825 | Plug Guard RJ45, green                              |
| R304826 | Plug Guard RJ45, red                                |
| R304827 | Plug Guard RJ45, white                              |
| 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                            |
| R306039 | Labeling Sheet to 16-Port Patch Panel               |
| 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                              |
| R306179 | 19" 1U Cable Management Plastic, 70 mm plastic ring |
| R306180 | 19" 2U Cable Management Plastic, 70 mm plastic ring |
| R306181 | 19" Lateral Radius Guard, left and right            |
| R310835 | Plug Reduction Frame RJ45 onto RJ11/RJ12            |