

R509881 19" 1U Patch Panel 16xRJ45/u, Cat.6A ISO, fully populated

090.5363

**Scope of supply**

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

Weight

691.900 G

Technical Data

Standardisation	IEC 60603-7-41: 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.6A ISO
Shielding - connector (A)	No
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.6A ISO, 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 Cat.6A ISO, for the setting up of transmission channels of Class EA with up to 4 plugged connections acc. to ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011 (DIN EN 50173-1) and Class F on 2 pairs, complies with Cat.6A requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011, as well the U.S. standard Cat.6A according to TIA 568-C.2, re-embedded tested in acc. with IEC 60603-7-41 and 60512-27-100, interoperable and backwards compatible with Category 6 and Category 5e. Suitable for 10GBASE-T applications in acc. with IEEE 802.3™ Section Four up to 500 MHz and 100 m.

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

Compatible with RJ standard plugs (RJ11, RJ12, RJ45), connection with automatic wire cutting of installation cables AWG 26 – 22 (0.4 mm – 0.65 mm) and flexible cables AWG 26/7 – AWG 22/7 without special tools. X-Separator for individual pair shielding. Parallel pair termination without crossover in acc. with TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with >20 insertion cycles, contact resistance 1000 mV. PoE and PoE+ compatible according to IEC 60512-99-001. 90° wire orientation without bending cable. With integral cable strain relief, including dust cover.

Material: halogen-free and heavy-metal free in acc. with EU directives RoHS 2.

Connection module Cat.6A ISO, unshielded, with 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, gray
R306180	19" 2U Cable Management Plastic, 70 mm plastic ring