

R812474 19" 1U PC Patch Panel 24xRJ45/s, Real10 Cat.6, gray, fully populated

090.7031

**Scope of supply**

- 19" 1U 24-port patch panel, empty, shielded
- 24 Real10 Cat.6 connection modules, RJ45/s incl. EMC covers and dust covers
- 19" mounting kit
- 4 labeling strips
- Cable ties
- Installation instructions

Weight

999.000 G

Technical Data

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	Sub-rack
Capacity (ports)	24
Number of connectors (A)	24
Connector type (A)	RJ45
Category connector (A)	Real10 Cat.6
Shielding - connector (A)	Yes
Protection class (IP) connector (A)	20
Holder for connector / module	Special
Color code NCS	2502-B
Color	medium gray
Assembly	fully populated
Dimensions	43.65 x 482.6 x 98.4 mm
Material	plastic: PC, fiber-glass reinforced

Tender text

19" 1U PC Patch Panel for 24 x RJ45, Real10 Cat.6, shielded

Modular patch panel with integrated cable tie shelf, integrated grounding system, 19" fastening kit, labeling fields with exchangeable labeling strips, prepared for optional two patch cord rings. The ports are prepared for a visual color coding system. Panel polycarbonate, fiber-glass-reinforced, halogen-free material, UL 94 listed. Color medium gray, NCS 2502-B.

Populated with 24 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 TIA 568-C, 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 802.3™ Section Four 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 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 2.

Connection module Cat.6, shielded, with EMC cover, dust cover, cable tie and installation instructions.

Modules & Accessories

R812461	PC Coding Clip, blue
R812460	PC Coding Clip, yellow
R810640	PC Coding Clip, green
R810639	PC Coding Clip, red
R503217	Plastic Ring, 70 mm
R502285	Metal Ring, 70 mm
R502286	Metal Ring, 90 mm
R30871	Labeling Sheet Fiberliner / 3U Global Module Holder
