

R305121 19" 1U Patch Panel 24xRJ45/s, Cat.5e, fully populated

090.5336

**Warranty**

5 Years + extended warranty

Scope of supply

- 19" 1U 24-port metal patch panel, empty, integrated cable tie shelf
- 24 Cat.5e connection modules, RJ45/s incl. EMC covers and dust cover
- 19" mounting kit
- 4 labeling strips
- Cable ties
- Installation instructions

Weight

1445.000G

Approval

UL

Technical Data

| | |
|-------------------------------|------------------------------|
| Rack mounting version | Patch Panel |
| Connector type (A) | RJ45 |
| Number of connectors (A) | 24 |
| Category connector (A) | Cat.5e |
| Shielding - connector (A) | Yes |
| Holder for connector / module | Snap-In Frame |
| Assembly | fully populated |
| Material | steel: DC01 (1.0330), 1.5 mm |
| Color | blue, chromated |
| Dimensions | 43.2 x 482.6 x 151.5 mm |
| Dispatch weight | 1445.000 |
| Unit of dispatch weight | G |

Tender text

19" 1U Patch Panel, 24 x RJ45, Cat.5e, shielded

Patch panel with integrated cable tie shelf, optional direct grounding, 19" fastening kit, labeling field, accepting the snap-in type color coding clips in 8 colors.

Material: sub-rack made of sheet steel (DC01A) 1.5 mm, color blue chromated, screen made of plastic (ABS), halogen-free, color medium gray (NCS 2502-B)

Populated with 24 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 11801:2002, 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 60603-7-3, 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.

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.

Mounting dimensions 14.9 x 19.5 mm, max. material thickness 1.6 mm.

Connection module Cat.5e, with EMC cover, dust cover, snap-in frame, cable tie and installations instructions.

Modules & Accessories

| | |
|---------|---|
| R302150 | Protective Conductor Terminal 6 mm ² |
| R302151 | Snap-in Coding Clip, anthracite |
| R302152 | Snap-in Coding Clip, blue |
| R302153 | Snap-in Coding Clip, brown |
| R302154 | Snap-in Coding Clip, green |
| R302155 | Snap-in Coding Clip, red |
| R302156 | Snap-in Coding Clip, violet |
| R302157 | Snap-in Coding Clip, white |
| R302158 | Snap-in Coding Clip, yellow |
| R305090 | Labeling Sheet 24-Port Patch Panel |
| 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 |
| R308708 | Snap-in Blind Cover, light gray |