

R509882 19" 1U Patch Panel 24xRJ45/s, Cat.6A ISO, gray, fully populated

090.5365

**Scope of supply**

- 19" 1U 24-port metal patch panel, empty, integrated cable tie shelf
- 24 Cat.6A ISO connection modules, RJ45/s incl. EMC covers and dust covers
- 19" mounting kit
- 4 labeling strips
- Cable ties
- Installation instructions

Weight

1533.000 G

Technical Data

Standardisation	IEC 60603-7-51: 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)	24
Number of connectors (A)	24
Connector type (A)	RJ45
Category connector (A)	Cat.6A ISO
Shielding - connector (A)	Yes
Holder for connector / module	Snap-In Frame
Color	steel: blue, chromatinized / front: gray (NCS 2502-B)
Assembly	fully populated
Dimensions	43.2 x 482.6 x 151.5 mm
Material	steel: DC01 (1.0330), 1.5 mm

Tender text

19" 1U Patch Panel, 24 x RJ45, Cat.6A ISO, 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 chromatinized, screen made of plastic (ABS), halogen-free, color medium gray (NCS 2502-B)

Populated with 24 shielded 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 as ANSI/TIA/EIA 568-C.2, re-embedded tested in acc. with IEC 60603-7-51 and 60512-27-100, interoperable and backwards compatible with Category 6 and Category 5e.

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.

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 EIA/TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with >20 insertion cycles, contact resistance 1000 Veff. PoE/PoEplus capable, 90° wire orientation without bending cable. With integral cable strain relief, including dust cover. Shield contacting by patented shield lance with integral cable strain relief, shield material tin-coated bronze, ground contacting through 1 contact finger for flat connectors 4.8 x 0.5 mm.

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

Connection module Cat.6A ISO, shielded, with EMC cover, dust cover, snap-in frame, cable tie and installation instructions.

Modules & Accessories

R308708	Snap-in Blind Cover, light gray
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
R804261	Snap-in Coding Clip, black
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
R305090	Labeling Sheet 24-Port Patch Panel
R302150	Protective Conductor Terminal 6 mm ²