

R500524 19" 1U Angled Patch Panel 24xRJ45/s, Cat.5e, gray, fully populated

090.5342

**Scope of supply**

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

Weight

1353.000G

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	Patch Panel
Capacity (ports)	24
Number of connectors (A)	24
Connector type (A)	RJ45
Category connector (A)	Cat.5e
Shielding - connector (A)	Yes
Protection class (IP) connector (A)	20
Holder for connector / module	Snap-In Frame
Color	steel: blue, chromitized / front: gray (NCS 2502-B)
Assembly	fully populated
Dimensions	43.2 x 482.6 x 245.3 mm
Material	steel: DC01 (1.0330), 1.5 mm

Tender text

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

Angled 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 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 ed. 2.2, June 2011, EN 50173-1, May 2011 (DIN EN 50173-1) as well as ANSI/TIA/EIA 568C, 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.

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 (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

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
R302150	Protective Conductor Terminal 6 mm ²
R500542	1U Angled Steel Panel
R502913	19" 1U Angled Patch Panel, Cover