

**R305120 19" 1U Patch Panel 24xRJ45/s, Real10 Cat.6, gray, fully populated**

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010.2064

**Scope of supply**

- 19" 1U 24-port metal patch panel, empty, integrated cable tie shelf
- 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**

1480.000 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	Patch Panel
Capacity (ports)	24
Number of connectors (A)	24
Connector type (A)	RJ45
Category connector (A)	Real10 Cat.6
Shielding - connector (A)	Yes
Holder for connector / module	Snap-In Frame
Color	steel: blue, chromated / 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**

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19" 1U Patch Panel, 24 x RJ45, Real10 Cat.6, 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 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 ANSI/TIA/EIA 568C, 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 802.3an 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 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.

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.6, shielded, with EMC cover, dust cover, snap-in frame, cable tie and installations instructions.

**Modules & Accessories**

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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 <sup>2</sup>