R&M

Convincing cabling solutions

R305117   19" 1U ST Patch Panel 24xRJ45/u, Cat.6, gray, fully populated

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Scope of supply

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

Weight

1286.000 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)	Cat.6
Shielding - connector (A)	No
Holder for connector / module	Snap-In Frame
Color	steel: blue, chromatized / 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

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Tender text

19" 1U ST Patch Panel, 24 x RJ45, Cat.6, unshielded
Patch panel with integrated cable tie shelf, 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 chromatized, screen made of plastic (ABS), halogen-free, color medium gray (NCS 2502-B)

Populated with 24 unshielded RJ45 connection modules of Category 6, for the establishing of transmission channels of class E with up to 4 plugged connections, 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 60603-7-4, interoperable and backwards compatible with Cat.5e and Cat.5.
Suitable for 10GBASE-T applications in acc. with IEEE 802.3™ Section Four up to 500 MHz and 55 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. 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. PoE and PoE+ compatible according to IEC 60512-99-001. With integral cable strain relief, including dust cover.
Mounting dimensions 14.9 x 19.5 mm, max. material thickness 1.6 mm.
Material: halogen-free and heavy-metal free in acc. with EU directives RoHS 2.
Connection module Cat.6, unshielded, with 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
R306179	19" 1U Cable Management Plastic, 70 mm plastic ring, gray
R306180	19" 2U Cable Management Plastic, 70 mm plastic ring
R306181	19" Lateral Radius Guard, left and right
R305090	Labeling Sheet 24-Port ST Patch Panel