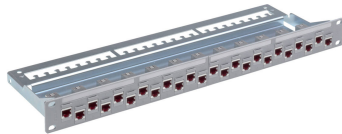


## Product information

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

R509882  
1 pcs



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

090.5365

### Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	IEC 60603-7-51: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801-1 Ed 1.0 2017-11 EN 50173-1: May 2011
Protection class IP	IP 20
PoE	Yes
Shielding connector (A)	shielded
Connector type (A)	RJ45
Category connector (A)	Cat. 6 <sub>A</sub> ISO
Number of connectors (A)	24
Holder for connector / module	Snap-in frame
Assembly	fully populated
Fastening	19 "
Rack mounting version	patch panel
Capacity (ports)	24
Amount of height units	1 U

### Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Dimensions	482.6mm x 43.2mm x 151.5mm (W x H x D)
Color	steel, blue, chromitized / front, gray (NCS 2502-B)
Material	steel: DC01 (1.0330), 1.5 mm

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.

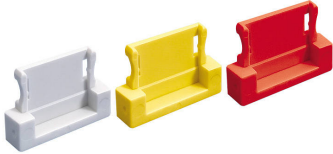
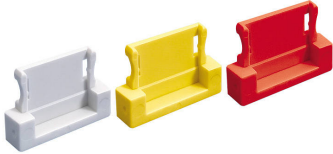
Material: sub-rack made of sheet steel (DC01A) 1.5 mm, color blue chromitized, screen made of plastic (ABS), halogen-free, color medium gray (NCS 2502-B).

RJ45 connection module of Cat. 6<sub>A</sub> ISO, for the setting up of transmission channels of Class 6<sub>A</sub> 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. 6<sub>A</sub> requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011, as well the U.S. standard Cat. 6<sub>A</sub> according to TIA 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 802.3™ Section Four 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 TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with >20 insertion cycles, contact resistance <5 mOhm, dielectric strength >1000 Veff. Supports PoE (IEEE 802.3af), PoEP (IEEE 802.3at), 4Ppoe (IEEE 802.3bt) and is compatible to IEC 60512-99-001/002. 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: halogen-free and heavy-metal free in acc. with EU directives RoHS 2. Connection module Cat. 6<sub>A</sub> ISO, shielded, with EMC cover, dust cover, snap-in frame (gray), cable tie and installation instructions.

	Description	PU	Product No.
	Labeling Sheet 24-Port ST Patch Panel	1 pcs	R305090
	19" 1U Cable Management Plastic, 70 mm plastic ring, gray	1 pcs	R306179
	19" 2U Cable Management Plastic, 70 mm plastic ring	1 pcs	R306180
	19" Lateral Radius Guard, left and right	1 pcs	R306181
	Protective Conductor Terminal 6 mm <sup>2</sup>	1 pcs	R302150

	Description	PU	Product No.
	Snap-in Blind Cover, light gray	10 pcs	R308708
	Snap-in Coding Clip, anthracite	10 pcs	R302151
	Snap-in Coding Clip, blue	10 pcs	R302152
	Snap-in Coding Clip, brown	10 pcs	R302153
	Snap-in Coding Clip, yellow	10 pcs	R302158
	Snap-in Coding Clip, green	10 pcs	R302154
	Snap-in Coding Clip, red	10 pcs	R302155

	Description	PU	Product No.
	Snap-in Coding Clip, violet	10 pcs	R302156
	Snap-in Coding Clip, white	10 pcs	R302157