Product information

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

R305117
1 Pcs.

010.2065

Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	EN 50173-1: May 2011 IEC 60603-7: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801 ed. 2.2: June 2011
Protection class IP	IP 20
PoE	Yes
Connector type (A)	RJ45
Category connector (A)	Cat. 6
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
Width	482.6 mm
Height	43.2 mm
Depth	151.5 mm
Color	steel, blue, chromatized / front, gray (NCS 2502-B)

Patch panel with integrated cable tie shelf, 19" fastening kit, labeling field, accepting the snap-in type color coding clips in 8 colors.
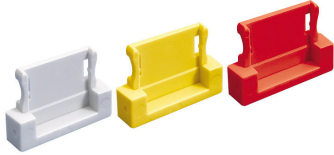Material: sub-rack made of sheet steel (DC01A) 1.5 mm, color blue chromatized, screen made of plastic (ABS), halogen-free, color medium gray (NCS 2502-B).
RJ45 connection module of Category 6, for the establishing of transmission channels of class E with up to 4

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 <50 mOhm, dielectric strength >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 (gray), cable tie and installation instructions.

	Description	PU	Product No.
	Suitable for laser printers. Material: paper, white, perforated.	1 Pcs.	R305090
	Plastic plate with four mounted jumpering brackets. For a neat, horizontal routing of patch cords between patching fields. The reinforced plastic plate and snap-in jumpering brackets provide additional stability and quick mounting.	1 Pcs.	R306179
	Plastic plate with eight mounted jumpering brackets. For a neat, horizontal routing of patch cords between patching fields. The reinforced plastic plate and snap-in jumpering brackets provide additional stability and quick mounting.	1 Pcs.	R306180
	The radius guard guarantees compliance with admissible bending radius of copper and FO cables. The guard is mounted to the front of 19" racks. Color: medium gray (NCS 2503-B)	1 Pcs.	R306181
	For sheet metal cutouts of 15 x 19.5 mm in diameter and sheet thickness of 1.5 and 3 mm. Color: light gray (NCS 1005-R80B)	10 Pcs.	R308708

	Description	PU	Product No.
	Color coding clip for snap-in adapters.	10 Pcs.	R302151
	Color coding clip for snap-in adapters.	10 Pcs.	R302152
	Color coding clip for snap-in adapters.	10 Pcs.	R302153
	Color coding clip for snap-in adapters.	10 Pcs.	R302158
	Color coding clip for snap-in adapters.	10 Pcs.	R302154
	Color coding clip for snap-in adapters.	10 Pcs.	R302155
	Color coding clip for snap-in adapters.	10 Pcs.	R302156

	Description	PU	Product No.
	Color coding clip for snap-in adapters.	10 Pcs.	R302157