Product information

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

R813493
1 Pcs.

- 19" 1U 24-port patch panel, empty, shielded
- 24 Cat. 6A ISO connection modules, RJ45/s incl. EMC covers and dust covers
- 19" mounting kit
- 4 labeling strips
- Cable ties
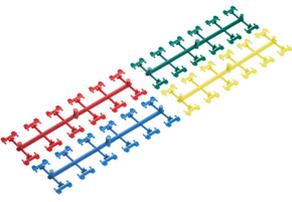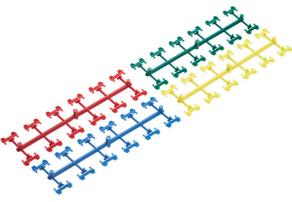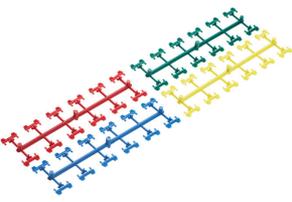- Installation instructions

090.7190

Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	IEC 60603-7-51: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801 ed. 2.2: June 2011 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_A ISO
Number of connectors (A)	24
Holder for connector / module	Special (without mounting plate)
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	43.65 mm
Depth	83.4 mm
Color	front, medium gray (NCS 2502-B) / steel, blue, chromatized

Modular patch panel with integrated cable tie shelf, integrated grounding system, 19" fastening kit, labeling fields with exchangeable labeling strips. The ports are prepared for a visual color coding system and automated

infrastructure management systems. Panel polycarbonate, fiber-glass-reinforced, halogen-free material, UL 94 listed and steel: DC01 (1.0330), 1.5 mm. Color front: medium gray (NCS 2502-B) / steel: blue, chromatized. RJ45 connection module of Cat. 6A ISO, for the setting up of transmission channels of Class EA 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. 6A requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011, as well the U.S. standard Cat. 6A 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. PoE and PoE+ compatible according to IEC 60512-99-001. 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. 6A ISO, shielded, with EMC cover, dust cover, cable tie and installation instructions.

	Description	PU	Product No.
	For the labeling of front plates and 19" insertions. Dimensions: A4. Material: paper, white, perforated.	1 Pcs.	R30871
	To cover one unused RJ45 connection module port with cut out 16.3 x 14.1 mm.	12 Pcs.	R812462
	Color coding clip for PC panel.	1 Pcs.	R812461
	Color coding clip for PC panel.	1 Pcs.	R812460
	Color coding clip for PC panel.	1 Pcs.	R810640
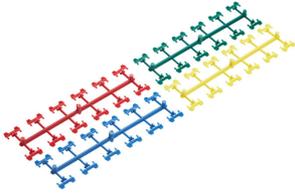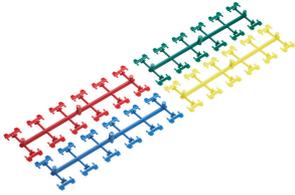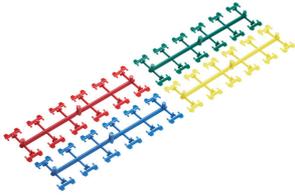
	Description	PU	Product No.
	Color coding clip for PC panel.	1 Pcs.	R810639
	Color coding clip for PC panel.	1 Pcs.	R820300
	Color coding clip for PC panel.	1 Pcs.	R832236
	The patching ring protects the admissible bending radius of the fiber glass cable. Mounted at the front of the 19" profiles. Material: 1.5 mm sheet steel, powder-coated.	1 Pcs.	R302005
	Sensor bar featuring 24 RFID readers. Suitable for the R&M 19" 1U PC Patch Panel Cat. 6A ISO and Cat. 6A EL (24 ports).	1 Pcs.	R812772
	Holders for installing the sensor bar on the R&M HD patch panel.	10 Pcs.	R809355