Product information

19" 1U HD Patch Panel 24xRJ45/u, Cat. 5e, black, fully populated

R809220
1 Pcs.

Metal patch panel with integrated cable tie shelf.
- 19" 1U HD patch panel
- 4 6-port/u connection module holders HD
- 24 connection modules RJ45/u incl. dust covers
- 19" mounting kit
- Cable ties
- 4 velcro strips
- Installation instructions

090.6876

Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	IEC 60603-7: 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)	unshielded
Connector type (A)	RJ45
Category connector (A)	Cat. 5e
Number of connectors (A)	24
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	225 mm
Color	steel, blue, chromatized / front, black (RAL 9005)

Modular patch panel with integrated cable tie shelf, accommodating up to four connection module holders HD Panel, installation-friendly thanks to snap-and-go technique, optional blind covers. Designed to accommodate the R&M HD security system, with its 2-level protection concept: color coding, locking option or automated infrastructure management systems. Optional labeling strips, fastening kit, integrated port numbering, tool-free locking and unlocking system. Separation elements for protection against Alien NEXT. Sub-rack material sheet

steel, colorless chromatized, side panels plastic (PC), halogen-free, color black (RAL 9005).
Connection module holders HD, 6-port, unshielded, plastic (PC), fiberglass-reinforced, halogen-free, color black (RAL 9005).
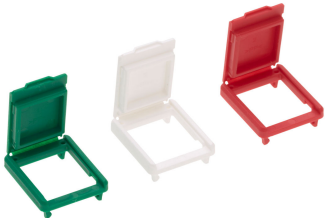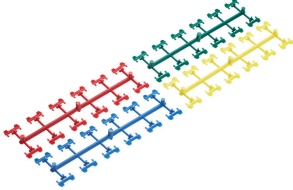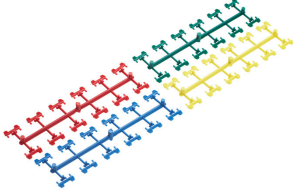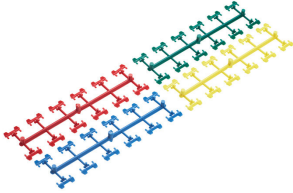RJ45 connection module of Category 5, for the setting up of transmission channels of class D with up to 4 plugged connections, complies with Category 5 requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1, May 2011 (DIN EN 50173-1) as well as TIA 568-C, de-embedded tested in acc. with IEC 60603-7-2, interoperable and backwards compatible with Category 5e (2000) and Category 5 (1995).
Suitable for 1GBASE-T applications in acc. with IEEE 802.3™ Section Three over 100 m.
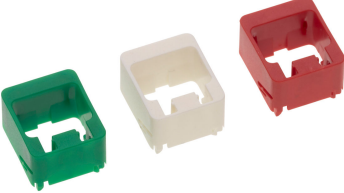Tested in line with R&M's manufacturing control.
Compatible with RJ standard plugs (RJ11, RJ12, RJ45), PCB-free and tool-free Easy-Lock connection of installation cables AWG 24 – 22 (0.5 mm – 0.65 mm) and flexible cables AWG 26/7 – AWG 22/7 (as of production date 07461).
Parallel pair termination without 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 <100 mOhm, dielectric strength >1000 Veff. PoE and PoE+ compatible according to IEC 60512-99-001. With integral cable strain relief, including dust cover.
Material: halogen-free and heavy-metal free in acc. with EU directives RoHS 2.
Connection module Cat. 5e, with EMC cover, dust cover, cable tie and installation instructions.

	Description	PU	Product No.
		1 Pcs.	R512430
	Dust cover and color coding for HD patch panel.	10 Pcs.	R512748
	Dust cover and color coding for HD patch panel.	10 Pcs.	R512749
	Dust cover and color coding for HD patch panel.	10 Pcs.	R512750
	Dust cover and color coding for HD patch panel.	10 Pcs.	R512751

	Description	PU	Product No.
	Dust cover and color coding for HD patch panel.	10 Pcs.	R512752
	Dust cover and color coding for HD patch panel.	10 Pcs.	R512753
	Dust cover and color coding for HD patch panel.	10 Pcs.	R512754
	Dust cover and color coding for HD patch panel.	10 Pcs.	R512755
	Dust cover and color coding for HD patch panel.	10 Pcs.	R512756
	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
	RJ45 connection protection for HD patch panels.	20 Pcs.	R512757
	RJ45 connection protection for HD patch panels.	20 Pcs.	R512758
	RJ45 connection protection for HD patch panels.	20 Pcs.	R512759
	Sensor bar featuring 24 RFID readers. Suitable for the R&M HD Panel equipped with Cat. 6 or Cat. 5e modules.	1 Pcs.	R809354
	Holders for installing the sensor bar on the R&M HD patch panel.	10 Pcs.	R809355