

## Product information

19" 1U PC Patch Panel 24xRJ45/u, Cat. 6A EL, black, fully populated

R813488  
1 pcs



- 19" 1U 24-port patch panel, empty, unshielded
- 24 RJ45 Cat. 6<sub>A</sub> EL connection modules, unshielded and dust covers
- 19" mounting kit
- 4 labeling strips
- Cable ties
- Installation instructions

090.7189

### Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard / norm	IEC 60603-7-41: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801 EN 50173-1
Protection class IP	IP 20 IP 20
PoE	Yes
Shielding connector (A)	unshielded
Connector type (A)	RJ45
Category connector (A)	Cat. 6 <sub>A</sub> 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
Dimensions	482.6 mm x 43.65 mm x 83.4 mm / 19 in x 1.719 in x 3.283 in (W x H x D)
Color	front, black (RAL 9005) / steel, blue, chromated
Material	plastic: PC, fiber-glass reinforced / steel: DC01 (1.0330), 1.5 mm

Modular patch panel with integrated cable tie shelf, 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: black (RAL 9005) / steel: blue, chromated.

24 ports populated with 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 connectors acc. to ISO/IEC 11801, EN 50173-1, (DIN EN 50173-1), complies with Cat. 6<sub>A</sub> requirements of the standards ISO/IEC 11801, EN 50173-1 as well the U.S. standard Cat. 6<sub>A</sub> according to TIA/EIA 568.2-D, re-embedded tested in acc. with IEC 60603-7-41 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. Each module has an own serial number and is traceable.

Compatible with RJ standard plugs (RJ11, RJ12, RJ45), connection of installation cables AWG 26 - 22 (0.4 mm - 0.65 mm) and flexible cables AWG 26/7 - AWG 22/7 without special tools. Parallel pair termination without crossover in acc. with TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with ≥4 insertion cycles acc. to IEC 60352-3, 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. With integral cable strain relief, including dust cover. Red / black plastic housing.

Material: halogen-free and heavy-metal free in acc. with EU directives RoHS 2.

Connection module Cat. 6<sub>A</sub> EL, red / black, unshielded and dust cover.

	Description	PU	Product No.
	Labeling Sheet Fiberliner / 3U Global Module Holder	1 pcs	R30871
	Basic Blind Cover, white	12 pcs	R812462
	PC Coding Clip, blue	1 pcs	R812461
	PC Coding Clip, yellow	1 pcs	R812460
	PC Coding Clip, green	1 pcs	R810640
	PC Coding Clip, red	1 pcs	R810639

	Description	PU	Product No.
	PC Coding Clip, grey	1 pcs	R820300
	PC Coding Clip, brown	1 pcs	R832236
	Patching Ring left / right, 75 mm, gray	1 pcs	R302005
	R&MinteliPhy Sensorbar, 1U PC patch panel Cat. 6A ISO / Cat. 6A EL (24 ports)	1 pcs	R812772
	R&MinteliPhy Sensorbar, mounting kit spare parts (qty 10)	10 pcs	R809355