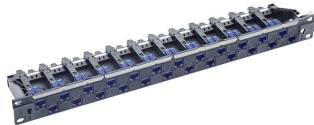# Product information

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

R812473
966739875
1 pcs

- 19" 1U 24-port patch panel, empty, unshielded
- 24 Cat. 6 connection modules, RJ45/u incl. dust covers
- 19" mounting kit
- 4 labeling strips
- Cable ties
- Installation instructions

090.7086

Technical Data

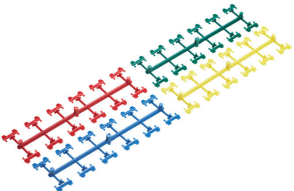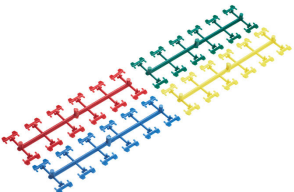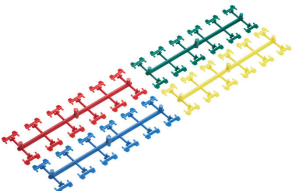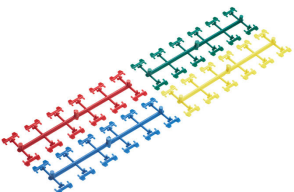| DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	EN 50173-1: May 2011 IEC 60603-7: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801-1 Ed 1.0 2017-11
Protection class IP	IP 20
PoE	Yes
Shielding connector (A)	unshielded
Connector type (A)	RJ45
Category connector (A)	Cat. 6
Number of connectors (A)	24
Holder for connector / module	Special (without mounting plate)
Assembly	fully populated
Fastening	19 "
Rack mounting version	sub-rack
Capacity (ports)	24
Amount of height units	1 U
Product code description	PP-24Pt PC-19" 1U-24xRJ45-C6/u-bk PP-24Pt PC-19" 1U-24xRJ45-C6/u-bk

Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Dimensions	482.6 mm x 43.65 mm x 98.4 mm / 19 in x 1.719 in x 3.874 in (W x H x D)
Color Code RAL	9005 Jet black
Material	plastic: PC, fiber-glass reinforced

Modular patch panel with integrated cable tie shelf, 19" fastening kit, labeling fields with exchangeable labeling strips, prepared for optional two patch cord rings. The ports are prepared for a visual color coding system. Panel polycarbonate, fiber-glass-reinforced, halogen-free material, UL 94 listed. Color black, RAL 9005.

24 ports populated with
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.
Material: halogen-free and heavy-metal free in acc. with EU directives RoHS 2.
Connection module Cat. 6, unshielded, with dust cover, cable tie and installation instructions.

	Description	PU	Product No.
	Labeling Sheet Fiberliner / 3U Global Module Holder	1 pcs	R30871
	Plastic Ring, 70 mm, black	1 pcs	R815235
	Metal Ring, 70 mm	1 pcs	R502285
	Metal Ring, 90 mm	1 pcs	R502286
	PC Coding Clip, blue	1 pcs	R812461
	PC Coding Clip, yellow	1 pcs	R812460

	Description	PU	Product No.
	PC Coding Clip, green	1 pcs	R810640
	PC Coding Clip, red	1 pcs	R810639
	PC Coding Clip, grey	1 pcs	R820300
	PC Coding Clip, brown	1 pcs	R832236