

**R505715 19" 2U Global Patch Panel 48xRJ45/s, Cat.5e, fully populated**

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090.5343

**Scope of supply**

- 19" 2U Global patch panel/s
- 16 connection module holders 2U Global/s
- Grounding system
- 48 Cat.5e connection modules, RJ45/s incl. EMC covers and dust covers
- Labeling strips
- 19" mounting kit
- Cable ties
- Installation instructions

**Weight**

1921.000 G

**Technical Data**

Standardisation	IEC 60603-7: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801 ed. 2.2: June 2011; EN 50173-1: May 2011;
Fastening (inch)	19"
Height Units (U)	2
Rack mounting version	Patch Panel
Capacity (ports)	48
Number of connectors (A)	48
Connector type (A)	RJ45
Category connector (A)	Cat.5e
Shielding - connector (A)	Yes
Holder for connector / module	Module Holder
Color code NCS	S 2502-B
Color	medium gray
Assembly	fully populated
Dimensions	88.1 x 482.6 x 82 mm (HxWxD)
Material	aluminum, plastic (PA/PC), fiber-glass reinforced

## Tender text

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19" 2U Global Patch Panel, 48 x RJ45, Cat.5e, shielded

Modular patch panel accommodating up to sixteen connection module holders 2U Global /s, installation-friendly thanks to snap-and-go technique, featuring a complete grounding system and 2U Global blind cover. Designed to accommodate the R&M security and the R&M environment system, with its 3-level protection concept: color coding, mechanical coding, locking option. Exchangeable labeling strips, fastening kit, labeling fields, tool-free locking and unlocking system. Automatic ground contacting by spring contacts. Profile aluminum, colorless chromatinized; side panel plastic (PC), fiberglass-reinforced, halogen-free, color medium gray (NCS 2502-B).

Including 16 connection module holders 2U Global, shielded, plastic (PC), halogen-free, color light gray (NCS 1005-R80B)

Populated with 48 shielded RJ45 connection modules of Category 5, for the setting up of transmission channels of class D with up to 4 plugged connections and class E with up to 2 plugged connections when using a R&M Cat.7 system cable, 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 ANSI/TIA/EIA 568C, de-embedded tested in acc. with IEC 60603-7-3, interoperable and backwards compatible with Category 5e (2000) and Category 5 (1995).

Suitable for 1GBase-T applications in acc. with IEEE 802.3 over 100 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 (as of production date 07461).

Parallel pair termination without crossover in acc. with EIA/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 1000 Veff. Shield contacting by patented shield lance with integral cable strain relief, shield material tin-coated bronze, ground contacting through 2 contact fingers for flat connectors 4.8 x 0.5 mm, with EMC cover.

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

Connection module Cat.5e, with dust cover, EMC cover, mounting plate, cable tie and installation instructions.

**Modules & Accessories**

R305685	Hinged Dust Cover, anthracite
R305686	Hinged Dust Cover, blue
R305687	Hinged Dust Cover, brown
R305688	Hinged Dust Cover, yellow
R305689	Hinged Dust Cover, gray
R305690	Hinged Dust Cover, green
R305691	Hinged Dust Cover, red
R305692	Hinged Dust Cover, violet
R305693	Hinged Dust Cover, white
R25107	Coding "A" for RJ45 Jack, anthracite
R25676	Coding "B" for RJ45 Jack, white
R310835	Plug Reduction Frame RJ45 onto RJ11/RJ12
R304825	Plug Guard RJ45, green
R304826	Plug Guard RJ45, red
R304827	Plug Guard RJ45, white
R306058	Splash Cap IP54, blue
R306060	Splash Cap IP54, yellow
R306061	Splash Cap IP54, green
R306062	Splash Cap IP54, red
R306063	Splash Cap IP54, white
R503380	Labeling Sheet 2U Global
R306179	19" 1U Cable Management Plastic, 70 mm plastic ring
R306180	19" 2U Cable Management Plastic, 70 mm plastic ring
R505851	Global Cable Management 2-Ring, 70 mm plastic ring