

**R505718 19" 2U Global Patch Panel 48xRJ45/u, Cat.6, fully populated**

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090.3109

**Scope of supply**

- 19" 2U Global patch panel/u
- 16 connection module holders 2U Global/u
- 48 Cat.6 connection modules, RJ45/u incl. dust covers
- Labeling strips
- 19" mounting kit
- Cable ties
- Installation instructions

**Weight**

1283.000G

**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.6
Shielding - connector (A)	No
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.6, unshielded

Modular patch panel accommodating up to sixteen connection module holders 2U Global/u, installation-friendly thanks to snap-and-go technique, 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. Profile aluminum, colorless chromated; side panel plastic (PC), fiberglass-reinforced, halogen-free, color medium gray (NCS 2502-B).

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

Populated with 48 unshielded RJ45 connection modules 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 ANSI/TIA/EIA 568C, 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 802.3an up to 500 MHz and 55 m.

Tested on the basis of the R&M production control including 100% routine test.

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 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. Halogen-free materials. With integral cable strain relief, including dust cover.

Connection module Cat.6, unshielded, with dust 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