R&M

Convincing cabling solutions

R509888   19" 3U Global Patch Panel 48xRJ45/s, Cat.6A ISO, partly populated

090.5370

Scope of supply

 - 19" 3U Global patch panel/s incl. cable tie shelf
 - 12 connection module holders Global/s
 - 3 Global blind covers
 - Grounding system
 - 48 Cat.6A ISO connection modules, RJ45/s incl. EMC covers and dust
covers
 - Labeling strips
 - 19" mounting kit
 - Cable ties
 - Installation instructions

Weight

2909.000G

Technical Data

Standardisation	IEC 60603-7-51: 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)	3
Rack mounting version	Patch Panel
Capacity (ports)	60
Number of connectors (A)	48
Connector type (A)	RJ45
Category connector (A)	Cat.6A ISO
Shielding - connector (A)	Yes
Holder for connector / module	Module Holder
Color code NCS	S 2502-B
Color	medium gray
Assembly	partly populated
Dimensions	132.5 x 482.6 x 221 mm
Material	steel: DC01 (1.0330), 1.5 mm / aluminum / plastic: PA66, PC, fiber-glass reinforced, halogen-free

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Tender text

19" 3U Global Patch Panel, 48 x RJ45, Cat.6A ISO, shielded
 Modular patch panel accommodating up to fifteen connection module holders Global/s, installation-friendly thanks to snap-and-go technique, featuring a complete grounding system and 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, integral cable tie shelf, fastening kit, labeling fields, tool-free locking and unlocking system. Automatic ground contacting by spring contacts.
Profile aluminum, colorless chromatized; cable tie shelf sheet steel (DC01A) 1.5 mm, color blue passivated; side panel plastic (PA), fiberglass-reinforced, halogen-free, color medium gray (NCS 2502-B).

Including 12 connection module holders Global, shielded, plastic (PC), halogen-free, color light gray (NCS 1005-R80B)

With3 Global blind covers, plastic (PC), halogen-free, color light gray (NCS 1005-R80B)

Populated with 48 shielded RJ45 connection modules of Cat.6A ISO, for the setting up of transmission channels of Class EA with up to 4 plugged connections acc. to ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011 (DIN EN 50173-1) and Class F on 2 pairs, complies with Cat.6A requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011, as well as ANSI/TIA/EIA 568-C.2, re-embedded tested in acc. with IEC 60603-7-51 and 60512-27-100, interoperable and backwards compatible with Category 6 and Category 5e.
Suitable for 10GBase-T applications in acc. with IEEE 802.3an up to 500 MHz and 100 m.
Tested in line with R&M's manufacturing control, performing 100% inspection.
Compatible with RJ standard plugs (RJ11, RJ12, RJ45), connection with automatic wire cutting of installation cables AWG 26 – 22 (0.4 mm – 0.65 mm) and flexible cables AWG 26/7 – AWG 22/7 without special tools. X-Separator for individual pair shielding. Parallel pair termination without crossover in acc. with EIA/TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with >20 insertion cycles, contact resistance 1000 Veff. PoE/PoEplus capable, 90° wire orientation without bending cable. With integral cable strain relief, including dust cover. Shield contacting by patented shield lance with integral cable strain relief, shield material tin-coated bronze, ground contacting through 1 contact finger for flat connectors 4.8 x 0.5 mm.
Material: heavy-metal free in acc. with EU directives RoHS and WEEE.
Connection module Cat.6A ISO, shielded, with EMC cover, dust cover, mounting plate, cable tie and installation instructions.

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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
R306179	19" 1U Cable Management Plastic, 70 mm plastic ring
R306180	19" 2U Cable Management Plastic, 70 mm plastic ring
R306181	19" Lateral Radius Guard, left and right
R316247	Global Cable Management 3-Ring, 70 mm plastic ring
R30871	Labeling Sheet Fiberliner / 3U Global Module Holder