DESCRIPTION

090.5365

SCOPE OF SUPPLY

• 19" 1U 24-port metal patch panel, empty, integrated cable tie shelf

• 24 Cat. 6A ISO connection modules, RJ45/s incl. EMC covers and dust covers

• 19" mounting kit

• 4 labeling strips

• Cable ties

• Installation instructions

TENDER

Patch panel with integrated cable tie shelf, optional direct grounding, 19" fastening kit, labeling field, accepting the snap-in type color coding clips in 8 colors.

Material: sub-rack made of sheet steel (DC01A) 1.5 mm, color blue chromatized, screen made of plastic (ABS), halogen-free, color medium gray (NCS 2502-B).

RJ45 connection module 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, EN 50173-1, (DIN EN 50173-1) and Class F on 2 pairs, complies with Cat. 6A requirements of the standards ISO/IEC 11801, EN 50173-1, as well the U.S. standard Cat. 6A according to TIA/EIA 568.2-D, 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 802.3™ Section Four 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 TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with >20 insertion cycles, 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. 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: halogen-free and heavy-metal free in acc. with EU directives RoHS 2.

Connection module Cat. 6A ISO, shielded, with EMC cover, dust cover, snap-in frame (gray), cable tie and installation instructions.

TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Number of connectors (A)	24
Category connector (A)	Cat. 6A ISO

Connector type (A)	RJ45
Shielding connector (A)	shielded
PoE	Yes
Amount of height units	1 U
Rack mounting version	patch panel
Assembly	fully populated
Holder for connector / module	Snap-in frame
Capacity (ports)	24
Standard	EN 50173-1
	IEC 60603-7-51: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801
Amount of height units	1 U
Fastening	19 " U

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Dimensions	482.6 mm x 43.2 mm x 151.5 mm / 19 in x 1.701 in x 5.965 in (W x H x D)
Color	steel, blue, chromatized / front, gray (NCS 2502-B)
Material	steel: DC01 (1.0330), 1.5 mm

ACCESSORIES

Type	Picture	Description	Article	E-Number
Optional accessories		Protective Conductor Terminal 6 mm²	R302150	970502005
Optional accessories		Snap-in Coding Clip, anthracite	R302151	977907005
Optional accessories		Snap-in Coding Clip, blue	R302152	977907025
Optional accessories		Snap-in Coding Clip, brown	R302153	977907085
Optional accessories		Snap-in Coding Clip, green	R302154	977907045
Optional accessories		Snap-in Coding Clip, red	R302155	977907065
Optional accessories		Snap-in Coding Clip, violet	R302156	977907035
Optional accessories		Snap-in Coding Clip, white	R302157	977907015
Optional accessories		Snap-in Coding Clip, yellow	R302158	977907055

Type	Picture	Description	Article	E-Number
Optional accessories		Labeling Sheet 24-Port ST Patch Panel	R305090	973806635
Optional accessories		19" 1U Cable Management Plastic, 70 mm	R306179	966930015
Optional accessories		19" 2U Cable Management Plastic, 70 mm	R306180	966930025
Optional accessories		19" Lateral Radius Guard, left and right	R306181	
Optional accessories		Snap-in Blind Cover, light gray	R308708	977904135