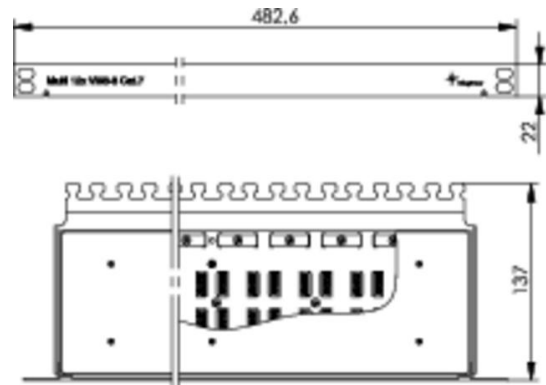


order number: J00060A0072

19" 1/2 HU Multi Connection Module Cat.7 light grey RAL 7035



Technical Attributes	
Short name	Multi 12x VM 8-8 Cat. 7
Remarks	19" 1/2 HE Multi Connection Module for 12 shielded and unshielded installation cables
Colour	light grey RAL 7035

Product description

The VM 8-8 modules are employed as connections/extensions of commercially available, shielded/unshielded twisted-pair installation cables (Cat. 5e/Cat. 6/Cat. 7) in the following applications: damaged cables, cable extensions, cable rerouting.

When VM 8-8 modules are used, the cable segments in a structured wiring system do not need to be laid out again. This reduces the expenses for alterations and the overall costs to a minimum. Depending on the connection module type, up to 12 incoming and 12 outgoing 8-wire cables can be permanently connected together without any significant reduction in the transmission characteristics or limitation of the maximum link lengths.

Performance Characteristics

- connection via LSA Plus terminals on a common PCB
- colour coding in acc. with EIA/TIA 568A and B
- connection of 4-pair shielded/unshielded installation cables from AWG 24-22
- pairs can be brought directly up to the terminal without untwisting the pairs
- secure shielded contact using screw-on terminals directly on the PCB
- variable cable feeds
- cable strain relief using commercially available cable ties (VM 8-8 Cat.7)
- tool-free installation of shielding cover made of stainless steel (19" and on-wall mounted version)

- surface mount (AP) type: incoming and outgoing cables in the same direction
- surface mount, 19", and basic (for loose connection) version: incoming and outgoing cables offset by 180 degrees
- ground connection option directly on the PCB (M4 screw)
- EMC compatible in accordance with EN 61000-6-1 and 61000-6-2
- 1/2 HU 19" insert housing made of sheet steel, powder-coated, RAL7035 light grey
- cable extensions require no additional space in the floor distributor because of the spacesaving 1/2 HU construction
- alternative wall mounting possible (pre-drilled mounting holes in the base plate)
- a maximum of 12 incoming and 12 outgoing cables
- cable inlet and outlet from the rear

Mechanical Characteristics	
Material: housing	ABS non halogen, UL94 V1 black
Material: shield	copper conductive lacquer
Material: PCB finish	Cu 35/35 chem. tinned
LSA Plus: Wire diameter	0,7 - 1,7 mm
Material: PCB	FR4
Material: cable ties	PA 6.6 UL94 V2
LSA Plus: Cu conductor diameter	0,40 - 0,65 mm AWG 26/1 - AWG 22/1

Climatic Characteristics	
Tested / classified in accordance with DIN IEC 60068-1	25/070/21

Electrical Characteristics	
Voltage proof: contact-contact	≥ 1000 V=
Current carrying capacity at 50°C	1 A
Voltage proof: contact-shield	≥ 1500 V=
Working current at 50° C	1 A

Transmission Characteristics	
Next: at 100 MHz	72.4 dB min.
Next: at 600 MHz	60.7 dB min.
Return loss: default values at 250 MHz	16 dB min.
Insertion loss: default values at 100 MHz	0.2 dB max.

Insertion loss: default values at 600 MHz	0.49 dB max.
Contact resistance: default values	200 mΩ max.
Next: typical values at 250 MHz	77.1 dB
Return loss: typical values at 100 MHz	28.9 dB
Return loss: typical values at 600 MHz	17.9 dB
Insertion loss: typical values at 250 MHz	0.1 dB
Return loss: typical values	< 10 mΩ
Next: at 250 MHz	66,4 dB min.
Return loss: default values at 100 MHz	24 dB min.
Return loss: default values at 600 MHz	8,4 dB min.
Insertion loss: default values at 250 MHz	0,32 dB max.
Next: typical values at 100 MHz	82,3 dB
Next: typical values at 600 MHz	67,1 dB
Return loss: typical values at 250 MHz	18,7 dB
Insertion loss: typical values at 100 MHz	0,05 dB
Insertion loss: typical values at 600 MHz	0,3 dB
Cat.7	Category 7 acc. to ISO/IEC 11801; EN 50173-1