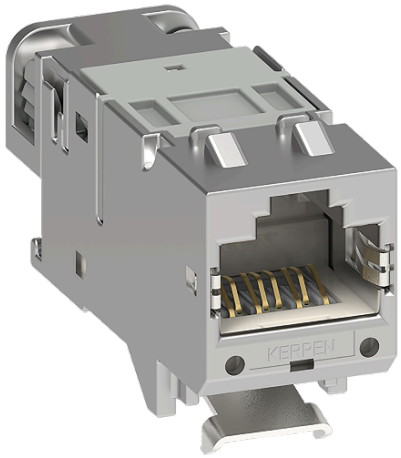
MegaLine® Connect45 Pro Plus Jack module

Keystone-Format

Category 6_A



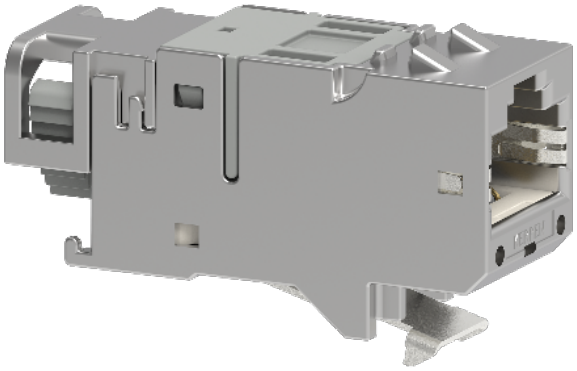


Illustration similar

Description

MegaLine® Connect45 Pro Plus
RJ45 jack module Keystone format.

Properties / applications

The performance characteristics correspond to Cat. 6_A (ISO/IEC) up to 500 MHz. The requirements of the channel and permant link class E_A according to ISO/IEC 11801 Amd. 1/2 are fulfilled from 1 m. The length specifications refer to the 2-connector model. The jack module with toolless assembly is fully compatible with all system components of MegaLine® Connect45 Pro product family.

For installation in structured cabling acc.to ISO/IEC 11801 and EN 50173 and for transmission of analog and digital voice, image and data signals.

Constructive characteristics

Material (insulating parts)	Polycarbonat
Material	FR4 (printed circuit board)
Material contact area	Gold plating
Gold plating in contact area	10 µ
Jack type	MegaLine® Connect45 Pro keystone jacks
Grounding connection type	Flat plug 2.8 mm

Construction

Material (housing)	Full metal; die-cast zinc, nickel-plated
Material	FR4 (printed circuit board)
Colour	Metal
Cable fixation	Bracket with snap-in clip

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MegaLine® Connect45 Pro Plus Jack module

Keystone-Format

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Electrical characteristics

Temperature range	-40 °C - +70 °C
Insertion force (max.)	30 N
Insertion cycles (module cable plug) (min.)	1000

Connections

Mating face	RJ45
Contacts	toolless
suitable for conductor cross-section (AWG)	AWG 22/1 - 24/1, AWG 24/7 - AWG 26/7

Electrical characteristics (LF) at 20 °C

Contact resistance	max.	5 mΩ
Insulation resistance between contacts	min.	500 MΩ
Dielectric strength contact-contact	min.	1000 V DC/AC
Current rating (50 °C)		0.8 A

Dimensions

Width	14.6 mm
Height	21.9 mm
Depth	39.8 mm
Cable diameter area	max. 9.5 mm

Standards, certificates and approvals

Connector standard	IEC 60603-7-51
Mating durability	1000x min. aac.to IEC 61300-2-2
Cabling standard	EN 50173 ISO/IEC 11801
Power supply	IEEE 802.3bt (4PPoE), IEC 60512-99-001, IEC 60512-9-3
Chemical continuance	Conform to RoHS and REACH, Free of hazardous substances acc. to RoHS 2011/65/EU

Accessories (optional)

LKD9ZQ010030000 dust cap white
KDA4Z0KR1040025 dust cap red
KDA4Z0KR1050025 dust cap blue
KDA4Z0KR1060025 dust cap green
KDA4Z0KR1070025 dust cap yellow

Class	Colour	PU (pieces)	Part number
E_A	Metal	1	KDA4M5KR1000001

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