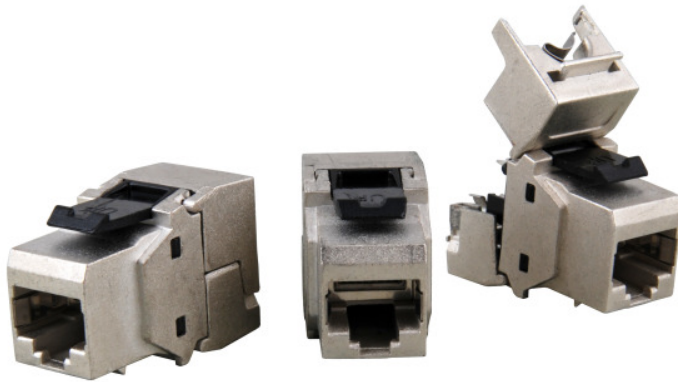
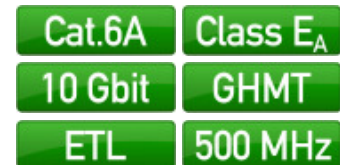


DATASHEET

INFRALAN® Keystone, Cat.6A / ClassEA





Description

The INFRALAN IKS-6A-KOP-12 Keystone Module offers the combination of very good transmission characteristics and simple tool-free assembly.

The module's high processing quality has been proven millions of times over, a secure Cat. 6A component of the cabling system for applications up to 10 Gigabit Ethernet.

Special tools are not required, the installation is easy and handy.

Fully shielded zinc die-cast Keystone housing with separate dust protection cap

Cat. 6A component certification according to ANSI/TIA-568-C. 2 and ISO/IEC 11801 and IEC 60607-7-51

Compact wire pre-sorting unit for AWG24/1... AWG22/1 and AWG 26/7... 24/7

Pair management according to TIA/EIA 568 A/B color codes

PoE and PoE Plus according to IEEE802.3af/at

Suitable for distribution panel and support rings with keystone cut-out, exclusive UAE

Strain relief by cable ties

Scope of delivery:

12 x RJ45 module, 12 x copper foil, 12 x cable tie, dust caps, assembly instructions (english)

General data

Category	6A (TIA)
Model	jack (jack)
Connection type	IDC
Type of connector	RJ45 8(8)

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General data

Screened	True
AWG-range for litz wire conductor	26 - 24
AWG-range for solid core	24 - 22
Special tool necessary	False
Suitable for round cable	True
Suitable for flat cable	False
Suitable for litz wire conductor	True
Suitable for solid core	True
Housing material	Zinc die cast
Dust cover	yes
Complaint to UL94	V-0
For UAE suitable	No

Mechanical characteristics

Max. cable diameter	8.0 mm
Mating cycles	> 750 Mating cycles
Contact coating	50 µ"

Environmental conditions

Temperature range	-40 - 66 °C
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Electrical characteristics

Dielectric Withstanding Voltage	100 V AC 60Hz
Current Rating	1,5 A
Insulation Resistance	> 500 MΩ
Contact Resistance	< 20 mΩ
EMV konform nach	EN 50082-1;EN 55022

Standards, approvals, certifications

4PPOE certified	True
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Technical drawings

