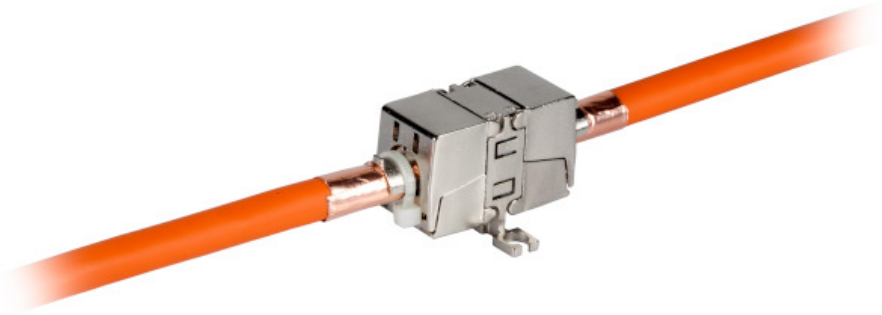
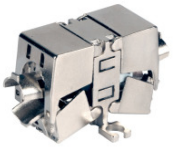
DATASHEET

INFRALAN® Cable Coupler





Description

The INFRALAN® Class EA connection module IVB-6A-V offers 10 Gbit/s performance with minimum space requirements and simple assembly without special tools.
Universal mounting options through baying, screwing and an optional 19" wall mounting panel for up to 24 connectors allow a wide range of applications:
1. connection of installation cables to each other, e. g. in parapet ducts or cable ducts
2. connecting installation cable and patch cable for end-to-end links or consolidation point applications

A fully shielded zinc die-cast housing, proven insulation displacement termination technology from the Keystone module series and spring-loaded 360 degree shielded contacts ensure stable EMC safety.

Features:
Fully shielded zinc diecast bodyhousing
Dimension (W x H x L) 18 x 26 x 39 mm
Link performance 10 Gbit/s Class EA acc. to ISO 11801
2 x compact cable manager for AWG26/1..AWG22/1 and AWG26/7..AWG24/7
Pair management with colour code, printed on cable manager
Reliable differentiation of cable managers by mechanical and colour assignment (plastic black / white) on the cable coupler and on cable managers
PoE and PoE Plus according to IEEE802.3af/at
360° shield contact and strain relief independent from each other
Gliding stored shield contact
Screw- and line-up through loops at the side of the module
19” panel for holding of 24 x modules available as accessory

Included in delivery:
1 x connection module, 2 x cable pre-sorter (black + white), 2 x copper foil, 2 x cable ties

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General data	
Category	6A (TIA)
Model	Buchse (Jack)
Connection type	LSA
Screened	True
AWG-range for litz wire conductor	26 – 24
AWG-range for solid core	26 – 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
Type of locking	snap lock

Mechanical characteristics	
Max. cable diameter	8.5 mm
360° shield contact	True

Available variants

Article no.	Title	Colour
IVB-6A-V	INFRALAN® Class EA Cable Coupler, STP 10Gbit/s	silver