

# DATASHEET

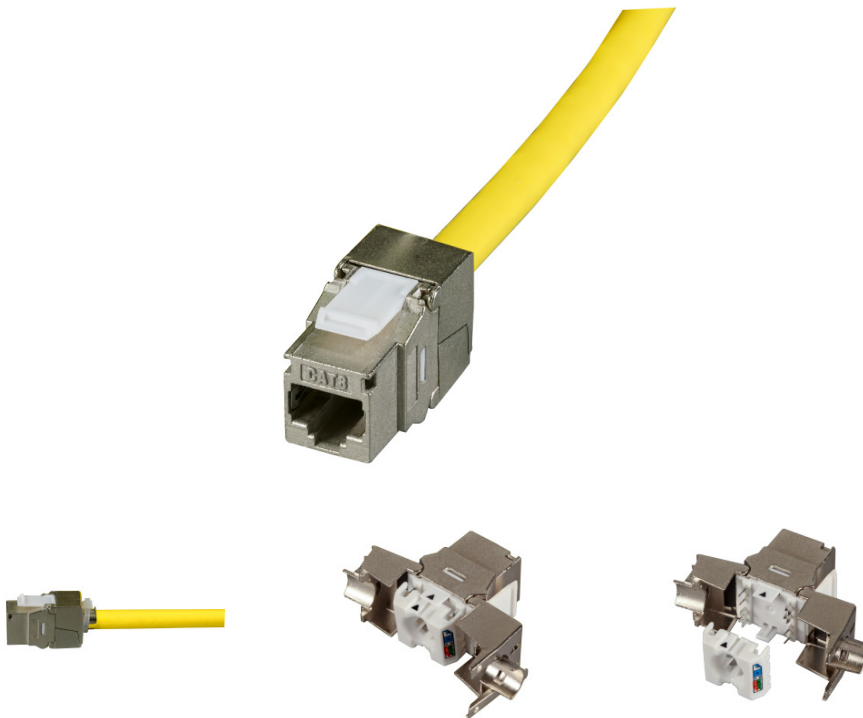
## RJ45 Keystone STP, Cat.8 Class 1



Cat.8.1

25 Gbit

40 Gbit



### Description

The high-quality of the RJ45 keystone modules warrants very good characteristics for **40 Gbit** Ethernet application. Special tools are not needed. The assembling is being carried out fast and easy. With the RJ45 module you get a full shielded module, which provides you good longterm service in your network infrastructure.

### Specifications:

Compact cable presorter for AWG 24/1  
Pair management according to TIA 568A /B colour codes  
Appropriate for distribution panels and frames with keystone slots  
Flexibel strain relief for different cable diameter

### Scope of delivery:

1 x RJ45 keystone, Cable coder, captive dust cover, copper foil, cable ties, mounting instruction

### General data

Category	Cat.8 Class 1
Model	jack (jack)
Connection type	IDC
Type of connector	RJ45 8(8)
Screened	yes
AWG-range for litz wire conductor	-
AWG-range for solid core	24 - 22
Special tool necessary	No
Suitable for round cable	yes

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### General data

Suitable for flat cable	No
Suitable for litz wire conductor	yes
Suitable for solid core	yes
Housing material	Zinc die cast
Dust cover	yes
Complaint to UL94	V-0
For UAE suitable	No

### Mechanical characteristics

Max. cable diameter	8.5 mm
Insertion force	≤ 30 N
Mating cycles	≥ 750
Contact coating	50 μ"
Separate earthing flag	yes
360° shield contact	yes
Shield contact and strain relief separate	yes

### Environmental conditions

Temperature range	-40 – 66 °C
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### Electrical characteristics

Dielectric Withstanding Voltage	1000 V AC 60Hz
Current Rating	2 A
Insulation Resistance	≥ 500 MΩ
Contact Resistance	≤ 20 mΩ
4PPOE certified	yes

### Available variants

Article no.	Title	Colour
CN20092	RJ45 Keystone STP, Cat.8 Class 1, 2000MHz	silver

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### Technical drawings

