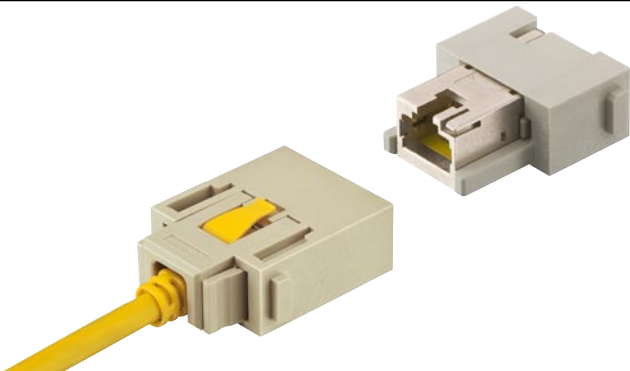


Number of contacts

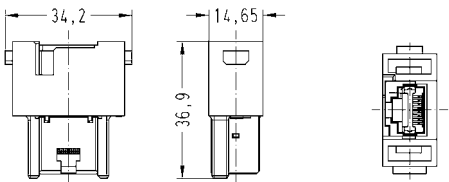
8



Identification		Part number		Drawing	Dimensions in mm
		Male insert (M)	Female insert (F)		

Female module
(Gender Changer)
for patch cable

09 14 001 4721



Features

- Single module with completely shielded RJ45 metal block
- Cat 6 for all data pairs (all 8 pins)
- Conforming to the RoHS directive
- The RJ45 inserts are protected by a reliable plastic insulator
- Patch cables are assembled/removed without tools

Technical characteristics

Specifications

DIN EN 60 664-1
DIN EN 61 984

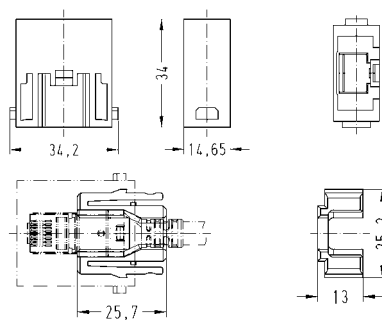
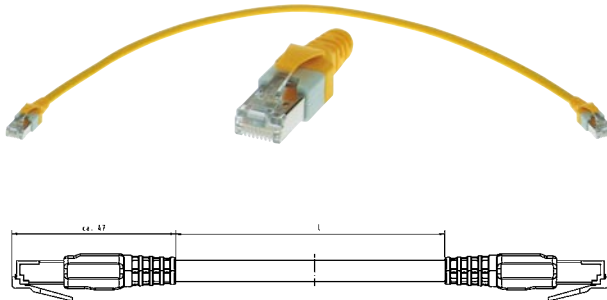
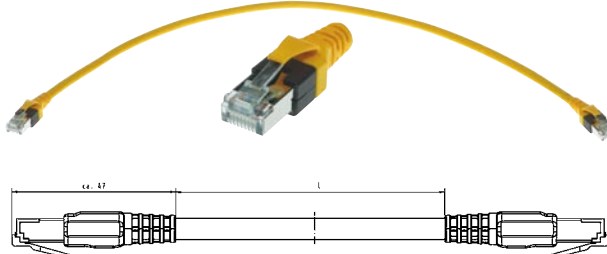
Inserts

Number of contacts	8
Electrical data	
acc. to EN 61 984	1 A 50 V 0.8 kV 3
Rated current	1 A
Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Transmission features	Category 6 / Class E up to 250 MHz; acc. to ISO/IEC 24 702 or and ISO/IEC 11 801
Transmission rate	10/100/1000 Mbit/s
Insulation resistance	$\geq 10^{10} \Omega$
Material	polycarbonate
Limiting temperatures	-40 °C ... +85 °C
Flammability acc. to UL 94	V 0
Mechanical working life	
- mating cycles	≥ 500

Number of contacts

8



Identification		Part number	Drawing	Dimensions in mm
Male module for patch cable		09 14 001 4623		
	Adapter for HARTING patch cable	09 14 000 9966		
Identification		Part number	Drawing	Dimensions in mm
Cat. 5e RJ45 patch cable	Length	0,2 m		
		0,3 m		
		0,4 m		
		0,5 m		
		0,6 m		
		0,7 m		
		0,8 m		
		0,9 m		
		1,0 m		
		1,5 m		
		2,0 m		
		2,5 m		
		3,0 m		
		4,0 m		
		5,0 m		
		6,0 m		
		7,0 m		
		7,5 m		
		8,0 m		
		9,0 m		
Cat. 6 RJ45 patch cable	Length	10 m		
		15 m		
		20 m		
		0,2 m		
		0,3 m		
		0,4 m		
		0,5 m		
		0,6 m		
		0,7 m		
		0,8 m		
		0,9 m		
		1,0 m		
		1,5 m		
		2,0 m		
		2,5 m		
		3,0 m		
		4,0 m		
		5,0 m		
		6,0 m		
		7,0 m		
		7,5 m		
		8,0 m		
		9,0 m		
		10 m		
		15 m		
		20 m		

Features

- Locking lever protection for RJ45 connector latch
- Very short plug design in combination with robust bend protection
- RoHS compliant
- Fully EMC screened (aluminium-clad foil and braid)

Technical characteristics

Specifications

ISO/IEC 24 702
ISO/IEC 11 801
ISO/IEC 61 935-2

Cat. 5 e RJ45 patch cable

Transmission features

Category 5 /
Class D up to 100 MHz;
acc. to ISO/IEC 24 702
or ISO/IEC 11 801

Transmission rate

10/100/1000 Mbit/s

Cable type

1:1 EIA/TIA 568 B, 8 poles

Material cables

SF/UTP, PUR, yellow

Limiting temperatures

- mobile

0 °C ... +60 °C

- stationary

-40 °C ... +80 °C

Flammability

flame retardant, halogen-free

Degree of protection

IP 20

Cat. 6 RJ45 patch cable

Transmission features

Category 6 /
Class E up to 250 MHz;
acc. to ISO/IEC 24 702
or ISO/IEC 11 801

Transmission rate

10/100/1000 Mbit/s

Cable type

1:1 EIA/TIA 568 B, 8 poles

Material cables

SF/UTP, PUR, yellow

Limiting temperatures

- mobile

0 °C ... +60 °C

- stationary

-20 °C ... +80 °C

Flammability

flame retardant, halogen-free

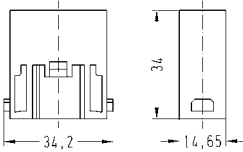
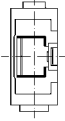
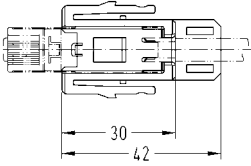
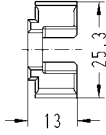
Degree of protection

IP 20

Number of contacts

4 / 8



Identification	Part number Male insert (M)	Drawing	Dimensions in mm
Male Module for RJ Industrial 	09 14 001 4623	 View termination side 	
Han-Modular® RJ Industrial RJ45 connector set Cat. 5 4 pins for AWG 24 ... 22 4 pins for AWG 26  Cat. 6 Gigalink, 8 pins, white Gigalink, 8 pins, blue  Cat. 6 10G, 8 pins, 	09 45 400 1100 09 45 400 1109 09 45 400 1500 09 45 400 1510 09 45 400 1560	  Set consists of the relevant RJ45 insert and the suitable adapter for Han® RJ45 module, male.	
HARTING RJ Industrial® Gigalink Assembly tool	09 45 800 0500		

Features

Han-Modular® RJ Industrial RJ45 connector set

- Conforming to the RoHS directive
- 360° shielded contact
- Field assembly without tools possible by means of HARAX® rapid termination in IDC technology
- Suitable for termination of massive and flexible wires

Han-Modular® RJ Industrial Gigalink RJ45 connector set

- Conforming to the RoHS directive
- 360° shielded contact
- Field assembly by means of piercing contacts
- Suitable for termination of flexible wires

Technical characteristics

Specifications

IEC 60 603-7
DIN EN 60 664-1
DIN EN 61 984

HARTING RJ Industrial®, 4 pins

Number of contacts	4
Transmission features	Category 5 / Class D up to 100 MHz; acc. to ISO/IEC 11 801:2002 and EN 50 173-1
Transmission rate	10/100 Mbit/s
Wire termination	IDC contacts; without tools
Terminated cable	
- Conductor cross section	
flexible	AWG 24/7 ... AWG 22/7
solid	AWG 23/1 ... AWG 22/1
- Cable outside diameter	≤ 1.6 mm
Material insert	polyamide
Limiting temperatures	-40 °C ... +70 °C

HARTING RJ Industrial® Gigalink, 8 pins

Number of contacts	8
Transmission features	Category 6 / Class E up to 250 MHz; acc. to ISO/IEC 11 801:2002 and EN 50 173-1
Transmission rate	10/100/1000 Mbit/s
Wire termination	Piercing contacts
Terminated cable	
- Conductor cross section	
flexible	AWG 28/7 ... AWG 24/7
- Cable outside diameter	≤ 1.05 mm
Material insert	polyamide
Limiting temperatures	-40 °C ... +70 °C

HARTING RJ Industrial® 10G, 8 pins

Number of contacts	8
Transmission features	Category 6 / Class E up to 250 MHz; acc. to ISO/IEC 11 801:2002 and EN 50 173-1
Transmission rate	10/100/1000 Mbit/s
Wire termination	IDC contacts; without tools
Terminated cable	
- Conductor cross section	
flexible	AWG 27/7 ... AWG 22/7
solid	AWG 27/1 ... AWG 22/1
- Cable outside diameter	≤ 1.5 mm
Material insert	polyamide
Limiting temperatures	-40 °C ... +70 °C

