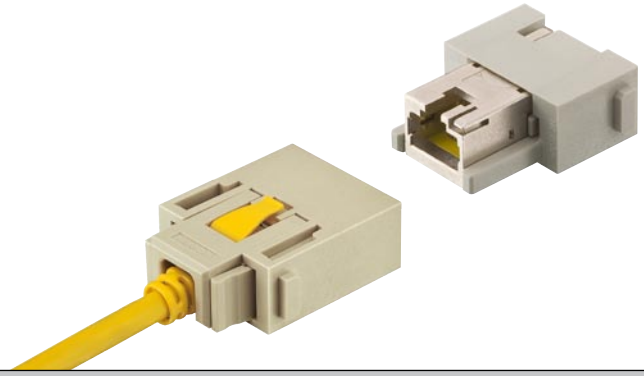



Number of contacts

8



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

<p>Female module (Gender Changer) for patch cable</p> 		<p>09 14 001 4721</p>		
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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
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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

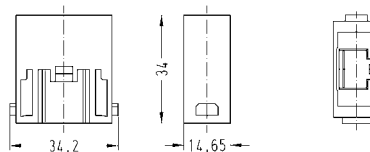


Identification	Part number	Drawing	Dimensions in mm
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Male module
for patch cable



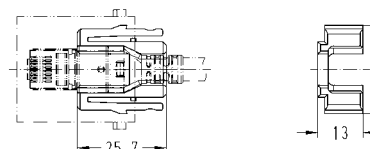
09 14 001 4623



Adapter
for HARTING patch cable



09 14 000 9966

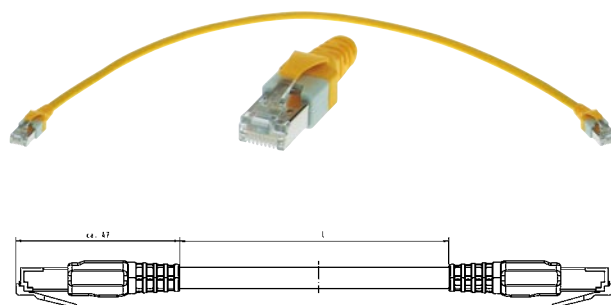


Identification	Part number	Drawing	Dimensions in mm
----------------	-------------	---------	------------------

Cat. 5e RJ45 patch cable

- | | |
|--------|-------|
| | 0,2 m |
| | 0,3 m |
| | 0,4 m |
| Length | 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 |

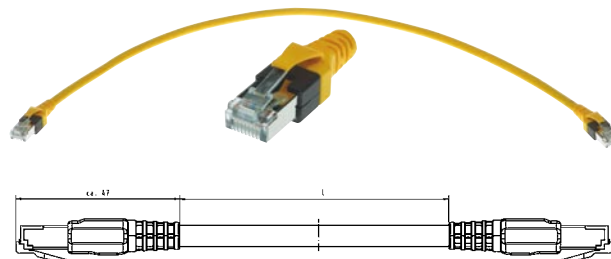
- | |
|----------------|
| 09 47 474 7001 |
| 09 47 474 7002 |
| 09 47 474 7003 |
| 09 47 474 7004 |
| 09 47 474 7005 |
| 09 47 474 7006 |
| 09 47 474 7007 |
| 09 47 474 7008 |
| 09 47 474 7009 |
| 09 47 474 7010 |
| 09 47 474 7011 |
| 09 47 474 7012 |
| 09 47 474 7013 |
| 09 47 474 7014 |
| 09 47 474 7015 |
| 09 47 474 7016 |
| 09 47 474 7017 |
| 09 47 474 7018 |
| 09 47 474 7019 |
| 09 47 474 7020 |
| 09 47 474 7021 |
| 09 47 474 7022 |
| 09 47 474 7023 |



Cat. 6 RJ45 patch cable

- | | |
|--------|-------|
| | 0,2 m |
| | 0,3 m |
| | 0,4 m |
| Length | 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 |

- | |
|----------------|
| 09 47 474 7101 |
| 09 47 474 7102 |
| 09 47 474 7103 |
| 09 47 474 7104 |
| 09 47 474 7105 |
| 09 47 474 7106 |
| 09 47 474 7107 |
| 09 47 474 7108 |
| 09 47 474 7109 |
| 09 47 474 7110 |
| 09 47 474 7111 |
| 09 47 474 7112 |
| 09 47 474 7113 |
| 09 47 474 7114 |
| 09 47 474 7115 |
| 09 47 474 7116 |
| 09 47 474 7117 |
| 09 47 474 7118 |
| 09 47 474 7119 |
| 09 47 474 7120 |
| 09 47 474 7121 |
| 09 47 474 7122 |
| 09 47 474 7123 |



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
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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

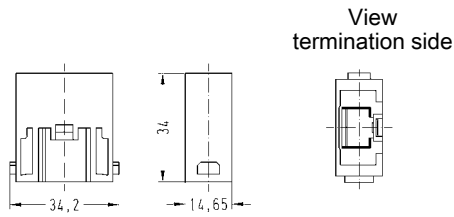


Identification	Part number Male insert (M)	Drawing	Dimensions in mm
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Male Module
for RJ Industrial



09 14 001 4623

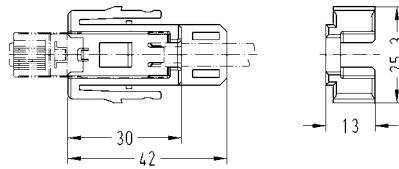


Han-Modular® RJ Industrial RJ45 connector set

Cat. 5
4 pins for AWG 24 ... 22
4 pins for AWG 26



09 45 400 1100
09 45 400 1109



Cat. 6
Gigalink, 8 pins, white
Gigalink, 8 pins, blue



09 45 400 1500
09 45 400 1510

Cat. 6
10G, 8 pins,



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
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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

