

Connector sets



HARTING RJ Industrial®
Connector set, 8-pole
to make up RJ45 system cables

IP 20	<input checked="" type="checkbox"/>	IP 65 / IP 67	<input type="checkbox"/>	IP 65 / IP 67 to IP 20	<input type="checkbox"/>	Cat. 5	<input type="checkbox"/>	Cat. 6	<input checked="" type="checkbox"/>
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Connector type	RJ45 connector acc. to IEC 60 603-7
Number of contacts	8
Transmission performance	Category 6 / Class E up to 250 MHz according to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate	10/100/1000 Mbit/s
Shielding	Fully shielded, 360° shielding contact
Mounting	Field-assembly possible
Wire termination	Via piercing contacts
Cable options	
– Strand gauge	AWG 28/7 ... AWG 24/7 (stranded)
– Strand diameter	max. 1.05 mm (including insulation)
– Cable sheath diameter	6.1 ... 6.9 mm
Degree of protection	IP 20
Operating temperature range	–40 °C ... +70 °C
Housing material	Polyamide, UL94 V-0
Colour	Black
Advantages	Field-assembly connector, Cat. 6
Mounting information	If the cable is assembled on both sides, please use one connector set with white and one connector set with blue cable manager (assures optimal transmission behavior)

Identification

Part number

Drawing

Dimensions in mm

**HARTING RJ Industrial®
Connector set, 8-pole**

with
White cable manager
great package with 100 pieces

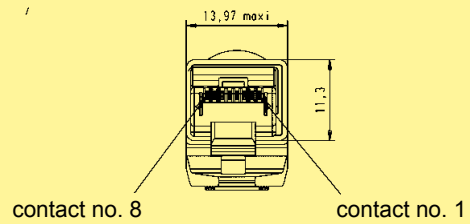
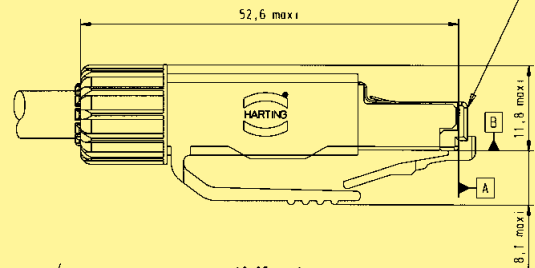
09 45 151 1500
09 45 151 1500 XL

Blue cable manager
great package with 100 pieces

09 45 151 1510
09 45 151 1510 XL

Set consists of:
Housing including shielding
Splice element
Cable gland
Assembly instructions

mating face according to IEC 60603-7



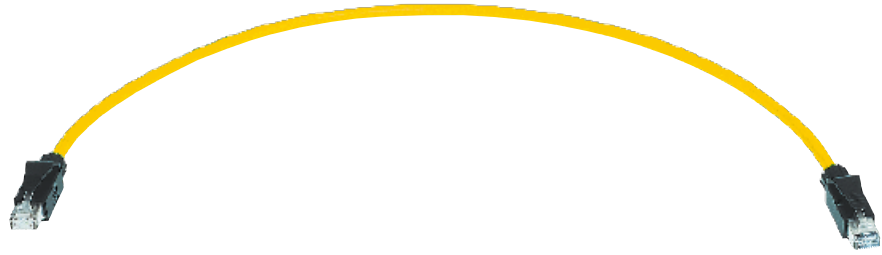
**HARTING RJ Industrial®
Gigalink Mounting tools**

for HARTING RJ Industrial®
Gigalink connectors

09 45 800 0500



System cables



HARTING RJ Industrial®
System cable, 8-wire, Cat. 6

RJ45 connection cable for control or distributor cabinets or within controllers

IP 20	<input checked="" type="checkbox"/>	IP 65 / IP 67	<input type="checkbox"/>	IP 65 / IP 67 to IP 20	<input type="checkbox"/>	Cat. 5	<input type="checkbox"/>	Cat. 6	<input checked="" type="checkbox"/>
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Connector types	RJ45
Cable types	4 x 2, Twisted Pair, shielded, PIMF
Sheath material	PVC / PUR
Wiring	8-pole, 1:1
Transmission performance	Category 6 / Class E up to 250 MHz according to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate	10/100/1000 Mbit/s
Shielding	Fully shielded, 360° shielding contact
Operating temperature range	-10 °C ... +70 °C
Standard lengths	1.5 m / 3 m / 5 m / 10 m / 20 m other lengths available on request
Colour	Yellow
Advantages	Robust industrial design High operational reliability in vibration-prone locations

Identification	Part number		Drawing	Dimensions in mm
	PVC	PUR		
HARTING RJ Industrial® System cable, 8-wire, Cat. 6	Yellow	Yellow		
Length 1.5 m	09 45 751 1523	09 45 751 1563		
Length 3.0 m	09 45 751 1525	09 45 751 1565		
Length 5.0 m	09 45 751 1527	09 45 751 1567		
Length 10.0 m	09 45 751 1551	09 45 751 1572		
Length 20.0 m	09 45 751 1553	09 45 751 1574		

Connector sets



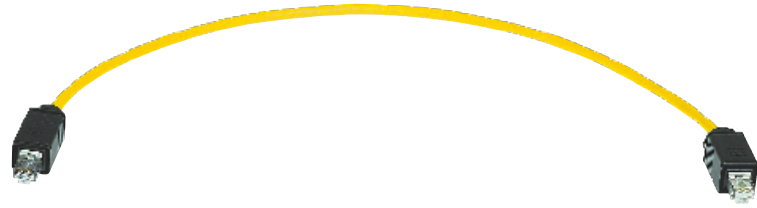
HARTING PushPull RJ45
Connector set, 8-pole
to make up PushPull RJ45 system cables

HARTING
PushPull

IP 20	<input type="checkbox"/>	IP 65 / IP 67	<input checked="" type="checkbox"/>	IP 65 / IP 67 to IP 20	<input type="checkbox"/>	Cat. 5	<input type="checkbox"/>	Cat. 6	<input checked="" type="checkbox"/>
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Connector type	HARTING PushPull RJ45 connector acc. to ISO/IEC 24 702, variant 4
Number of contacts	8
Transmission performance	Category 6 / Class E up to 250 MHz according to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate	10/100/1000 Mbit/s
Shielding	Fully shielded, 360° shielding contact
Mounting	Field-assembly possible
Wire termination	Via piercing contacts
Cable options	
– Strand gauge	AWG 28/7 ... AWG 24/7 (stranded)
– Strand diameter	max. 1.05 mm (including insulation)
– Cable sheath diameter	4.9 ... 8.6 mm
Degree of protection	IP 65 / IP 67
Operating temperature range	–40 °C ... +70 °C
Housing material	Polyamide and polycarbonate, UL94 V-0
Colour	Black
Advantages	Space-saving connector assembly via PushPull interface Standard conform to ISO/IEC 24 702
Mounting information	If the cable is assembled on both sides, please use one connector set with white and one connector set with blue cable manager (assures optimal transmission behavior)

System cables



HARTING PushPull RJ45
 System cable, 8-wire
 RJ45 connection cable HARTING PushPull for IP 65 / IP 67 applications

HARTING PushPull

IP 20	<input type="checkbox"/>	IP 65 / IP 67	<input checked="" type="checkbox"/>	IP 65 / IP 67 to IP 20	<input type="checkbox"/>	Cat. 5	<input type="checkbox"/>	Cat. 6	<input checked="" type="checkbox"/>
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Connector types	HARTING PushPull
Cable types	4 x 2, Twisted Pair, shielded, PIMF
Sheath material	PVC / PUR
Wiring	8-pole, 1:1
Transmission performance	Category 6 / Class E up to 250 MHz according to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate	10/100/1000 Mbit/s
Shielding	Fully shielded, 360° shielding contact
Operating temperature range	-10 °C ... +70 °C
Standard lengths	1.5 m / 3 m / 5 m / 10 m / 20 m other lengths available on request
Colour	Yellow
Advantages	Standardised PushPull interface for IP 65 / IP 67 according to ISO/IEC 24 702 Easy and safe operation Especially space-saving

Identification	Part number		Drawing	Dimensions in mm
	PVC	PUR		

HARTING PushPull RJ45 System cable, 8-wire	Yellow	Yellow		
Length 1.5 m	09 45 745 1523	09 45 744 1523		
Length 3.0 m	09 45 745 1525	09 45 744 1525		
Length 5.0 m	09 45 745 1527	09 45 744 1527		
Length 10.0 m	09 45 745 1551	09 45 744 1532		
Length 20.0 m	09 45 745 1553	09 45 744 1534		

System cables



HARTING PushPull RJ45
 System cable, 8-wire
 connection cable HARTING PushPull to RJ45 (IP 20)

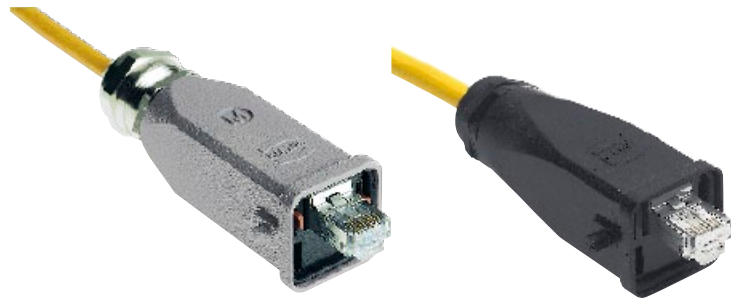
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Connector types	HARTING PushPull and RJ45 (IP 20)
Cable types	4 x 2, Twisted Pair, shielded, PIMF
Sheath material	PVC
Wiring	8-pole, 1:1
Transmission performance	Category 6 / Class E up to 250 MHz according to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate	10/100/1000 Mbit/s
Shielding	Fully shielded, 360° shielding contact
Operating temperature range	-10 °C ... +70 °C
Standard lengths	1.5 m / 3 m / 5 m / 10 m / 20 m other lengths available on request
Colour	Yellow
Advantages	Standardised PushPull interface for IP 65 / IP 67 according to ISO/IEC 24 702 Easy transition from harsh industrial environment into saved IP 20 environment

HARTING PushPull

Identification	Part number PVC	Drawing	Dimensions in mm
HARTING PushPull RJ45 System cable, 8-wire	Yellow		
Length 1.5 m	09 45 701 1509		
Length 3.0 m	09 45 701 1510		
Length 5.0 m	09 45 701 1511		
Length 10.0 m	09 45 701 1512		
Length 20.0 m	09 45 701 1514		

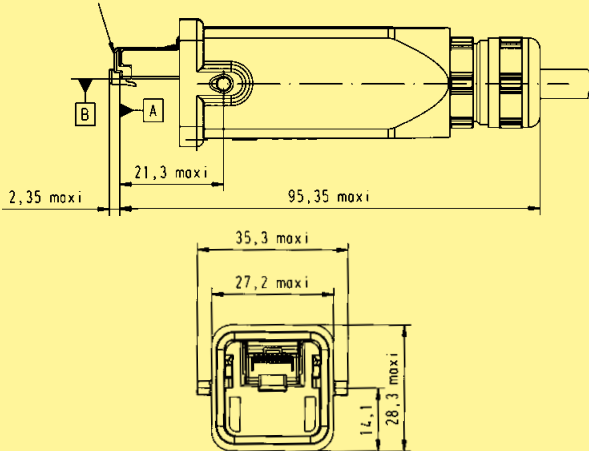
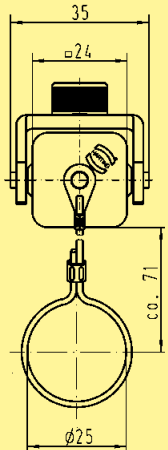

Connector sets



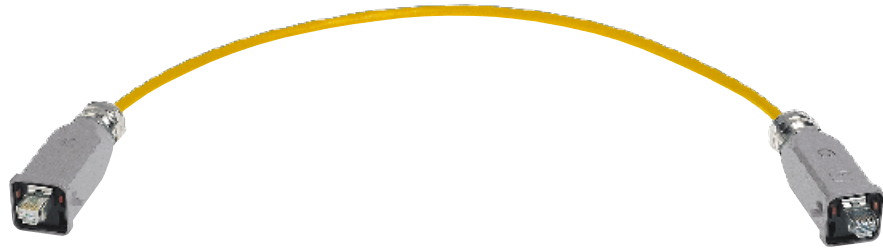
Han® 3 A RJ45
Connector set, 8-pole
to make up Han® 3 A RJ45 system cables

IP 20	<input type="checkbox"/>	IP 65 / IP 67	<input checked="" type="checkbox"/>	IP 65 / IP 67 to IP 20	<input type="checkbox"/>	Cat. 5	<input type="checkbox"/>	Cat. 6	<input checked="" type="checkbox"/>
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Connector type	Han® 3 A RJ45 connector
Number of contacts	8
Transmission performance	Category 6 / Class E up to 250 MHz according to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate	10/100/1000 Mbit/s
Shielding	Fully shielded, 360° shielding contact
Mounting	Field-assembly possible
Wire termination	Via piercing contacts
Cable options	
– Strand gauge	AWG 28/7 ... AWG 24/7 (stranded)
– Strand diameter	max. 1.05 mm (including insulation)
– Cable sheath diameter	5 ... 9 mm
Degree of protection	IP 65 / IP 67
Operating temperature range	–40 °C ... +70 °C
Plastic version	
Housing material	Polyamide, UL94 V-0
Colour	Black
Metal version Standard	
Housing material	Zinc, die-cast
Colour	Grey
Metal version M	
Housing material	Zinc, die-cast
Colour	Black
Advantages	Very robust metal housing Field-assembly connector, Cat. 6, IP 65 / IP 67
Mounting information	If the cable is assembled on both sides, please use one connector set with white and one connector set with blue cable manager (assures optimal transmission behavior)

Identification	Part number	Drawing
<p>Han® 3 A RJ45 Connector set, 8-pole</p> <p>Plastic version with White cable manager Blue cable manager</p> <p>Metal version Standard with White cable manager Blue cable manager</p> <p>Metal version M with White cable manager Blue cable manager</p> <p>Set consists of: Han® 3 A housing including RJ45 connector and shielding Cable gland Assembly instructions</p>	<p>09 45 125 1500 09 45 125 1510</p> <p>09 45 115 1500 09 45 115 1510</p> <p>09 45 115 1502 09 45 115 1512</p>	<p>mating face according to IEC 60 603-7</p>  <p>Dimensions valid for Metal version Standard</p>
<p>Protection cover for Han® 3 A connector</p> <p>Plastic version Metal version Standard Metal version M</p>	<p>09 20 003 5442 09 20 003 5422 09 37 003 5402</p>	 <p>Dimensions valid for Plastic version</p>
<p>HARTING RJ Industrial® Gigalink Mounting tools for HARTING RJ Industrial® Gigalink connectors</p>	<p>09 45 800 0500</p>	

System cables



Han® 3 A RJ45
 System cable, 8-wire
 RJ45 connector cable Han® 3 A for IP 65 / IP 67 applications

IP 20	<input type="checkbox"/>	IP 65 / IP 67	<input checked="" type="checkbox"/>	IP 65 / IP 67 to IP 20	<input type="checkbox"/>	Cat. 5	<input type="checkbox"/>	Cat. 6	<input checked="" type="checkbox"/>
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Connector types	Han® 3 A RJ45
Cable types	4 x 2, Twisted Pair, shielded
Sheath material	PVC / PUR
Wiring	8-pole, 1:1
Transmission performance	Category 6 / Class E up to 250 MHz according to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate	10/100/1000 Mbit/s
Shielding	Fully shielded, 360° shielding contact
Operating temperature range	-10 °C ... +70 °C
Standard lengths	1.5 m / 3 m / 5 m / 10 m / 20 m other lengths available on request
Colour	Yellow
Advantages	Very robust metal housing Han® 3 A for IP 65 / IP 67 Additional locking

Identification	Part number		Drawing	Dimensions in mm
	PVC	PUR		
Han® 3 A RJ45 System cable, 8-wire	Yellow	Yellow		
Length 1.5 m	09 45 715 1523	09 45 715 1563		
Length 3.0 m	09 45 715 1525	09 45 715 1565		
Length 5.0 m	09 45 715 1527	09 45 715 1567		
Length 10.0 m	09 45 715 1551	09 45 715 1572		
Length 20.0 m	09 45 715 1553	09 45 715 1574		

Han® 3 A

Connector sets



Han-Max® RJ45
 Connector set, 8-pole
 to make up Han-Max® RJ45 system cables

IP 20	<input type="checkbox"/>	IP 65 / IP 67	<input checked="" type="checkbox"/>	IP 65 / IP 67 to IP 20	<input type="checkbox"/>	Cat. 5	<input checked="" type="checkbox"/>	Cat. 6	<input type="checkbox"/>
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Connector type	Bayonet connector RJ45 acc. to IEC 24 702
Number of contacts	8
Transmission performance	Category 5 / Class D up to 100 MHz according to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate	10/100/1000 Mbit/s
Shielding	Fully shielded, 360° shielding contact or unshielded
Mounting	Field-assembly
Wire termination	Via piercing contacts
Cable options	
– Strand gauge	AWG 26 ... AWG 24 (stranded)
– Strand diameter	max. 1.0 mm (including isolation)
– Cable sheath diameter	4 ... 8 mm
Degree of protection	IP 65 / IP 67
Operating temperature range	–25 °C ... +80 °C
Housing material	Zinc, die-cast, nickel-plated
Colour	Metal
Advantages	Very robust IP 65 / IP 67 connector with bayonet nut Field-assembly connector, Cat. 5, IP 65 / IP 67 Shielded or unshielded

Identification

Part number

Drawing

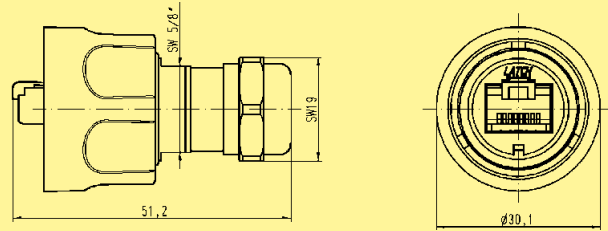
Dimensions in mm

Han-Max® RJ45
connector set , 8-pole

STP
UTP

09 15 300 0402
09 15 300 0401

Set consists of:
Bayonet housing including RJ45
connector
Cable gland
Assembly instructions



Protection cover
for Han-Max® connector



09 15 300 5401

