



# HIGH-SPEED DATA TRANSMISSION CONNECTIVITY SOLUTIONS

**RUGGED**  
**SEALED**  
**ULTRA-MINIATURE**

Standard audio/video protocol

Ethernet

USB

Fischer Connectors' solutions are compatible with most popular data protocols, ensuring high-quality data transmission for digital signals.



Ethernet is the industrial standard for transferring data between multiple devices on a network. Can also be used for distributing power to devices (PoE). Used for computers, routers/switches, networked peripheral devices, etc.

Data transfer rates up to 10 Gbit/s



The standard protocol for the simultaneous transmission of audio and video allows to transmit uncompressed video data and compressed or uncompressed digital audio from a source device to a compatible output device.

Up to 10.2 Gbit/s



The Universal Serial Bus industry standard USB 2.0 establishes specifications for cables and connectors and protocols for connection, communication and power supply between computers, peripheral devices and other computers.

Data transfer rates up to 480 Mbit/s



Often called SuperSpeed USB, the Universal Serial Bus industry standard USB 3.2 Gen 2 allows for higher transfer speeds, greater bandwidth and improved power management than USB 2.0.

Data transfer rates up to 10 Gbit/s

N.B. In order to take advantage of the increased bandwidth the data protocols provide, all components must be compatible with the respective data protocol. The bandwidth performance is determined by the lowest rated component, i.e. connecting a USB 3.2 Gen 2 cable to a USB 2.0 port will only give USB 2.0 speeds.

# HIGH-SPEED DATA TRANSMISSION





Our expert team has selected and created a range of sample cable assemblies designed to help you qualify the right solution according to your data transmission requirements.

## CONFIGURATIONS






### FISCHER MINIMAX™ SERIES

- High density
- IP68
- 5,000 mating cycles

 8 pins Body size: 08 Ø 12.9 mm	 19 pins Body size: 08 Ø 12.9 mm	 4 pins Body size: 06 Ø 9.9 mm	 9 pins Body size: 08 Ø 12.9 mm
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### FISCHER ULTIMATE™ SERIES

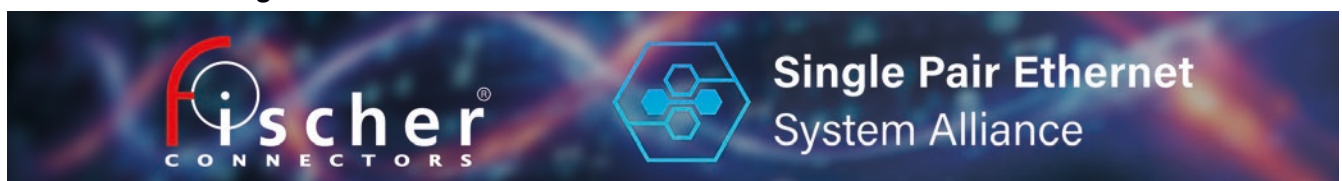
- Rugged
- IP68/69
- 10,000 mating cycles

 9 pins Body size: 08 Ø 11.5 mm	 19 pins Body size: 11 Ø 15 mm	 4 pins Body size: 07 Ø 10 mm	
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## PROTOCOL CABLE ASSEMBLIES

Protocol	Product Series	Part number	Description	Cable length
		134260	CA D 8xLV UP01 08 M009/RJ45 LSOH BK 2 m - Plug Assembly	2 m
		134261	CA D 8xLV UR01 08 F009/RJ45 LSOH BK 0.3 m - Receptacle Assembly	0.3 m
		126009	UR01W08 F009P BK1 E1AB - Receptacle (PCB Contacts)	Connector only
		134252	CA D 8xLV MP11 0008/RJ45 LSOH BK 2 m - Plug Assembly	2 m
		134253	CA D 8xLV MR11 0008/RJ45 LSOH BK 0.3 m - Receptacle Assembly	0.3 m
		131537	MR11WL08 0008 AN1 E1AP - Receptacle (PCB Contacts)	Connector only
		134262	CA D 19XLV UP01 M0019/HDMI PVC BK 2 m - Plug Assembly	2 m
		134263	CA D 19XLV UR01 F0019/HDMI PVC BK 0.3 m - Receptacle Assembly	0.3 m
		125872	UR01W11 F019P BK1 E1AB - Receptacle (PCB Contacts)	Connector only
		134254	CA D 19XLV MP11 0019/HDMI PVC BK 2 m - Plug Assembly	2 m
		134255	CA D 19XLV MR11 0019/HDMI PVC BK 0.3 m - Receptacle Assembly	0.3 m
		128650	MR11WL08 0019 AN1 E1AP - Receptacle (PCB Contacts)	Connector only
		134258	CA D 4xLV UP01 M004/USB2 MA PVC BK 2 m - Plug Assembly	2 m
		134259	CA D 4xLV UR01 F004/USB2 MA PVC BK 0.3 m - Receptacle Assembly	0.3 m
		128468	UR01W07 F004P BK1 E2AB - Receptacle (PCB Contacts)	Connector only
		134250	CA D 4xLV MP11 0202/USB2 MA PVC BK 2 m - Plug Assembly	2 m
		134251	CA D 4xLV MR11 0202/USB2 MA PVC BK 0.3 m - Receptacle Assembly	0.3 m
		133096	MR11WL06 0202 AN1 E1FP - Receptacle (PCB Contacts)	Connector only
		134256	CA D 9xLV MP11 2007/USB3 MA PVC BK 2 m - Plug Assembly	2 m
		134257	CA D 9xLV MR11 0009/USB3 MA PVC BK 0.3 m - Receptacle Assembly	0.3 m
		132907	MR11WL08 0009 AN1 E1AP - Receptacle (PCB Contacts)	Connector only

Interested in a Single Pair Ethernet solution? **Contact us** to discover our offers.



Other solutions available with  FISCHER CORE SERIES



For more information visit  
[fischerconnectors.com/datatransmission](https://fischerconnectors.com/datatransmission)

