



HIGH-SPEED DATA TRANSMISSION CONNECTIVITY SOLUTIONS

**RUGGED
SEALED
ULTRA-MINIATURE**

Audio/video protocol up to 18 Gbit/s


USB 3.2 Gen 2 up to 10 Gbit/s


Ethernet up to 10 Gbit/s





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

DATA PROTOCOLS

 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.

 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.

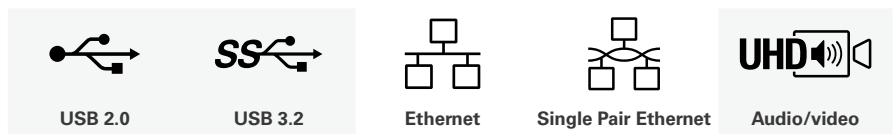
 Often called SuperSpeed USB, the Universal Serial Bus industry standard USB 3.2 Gen 2 allows for higher transfer speeds, greater bandwidth and improved power management than USB 2.0.

 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.







N.B. To take advantage of the increased bandwidth provided by data protocols, all components must be compatible with the respective data protocol. 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 provide USB 2.0 speeds.

CONFIGURATIONS






Images for illustration purpose only








FISCHER MINIMAX™ SERIES

 <ul style="list-style-type: none"> High density, small, light IP68 sealing 5,000 mating cycles 	480 Mbit/s	10 Gbit/s	10 Gbit/s	1 Gbit/s	18 Gbit/s
	 4 pins Ø 9.9 mm*	 9 pins Ø 12.9 mm*	 8 pins Ø 12.9 mm*	 4 pins Ø 9.9 mm*	 19 pins Ø 12.9 mm*

FISCHER ULTIMATE™ SERIES

 <ul style="list-style-type: none"> Rugged, light, hermetic IP68/IP69 sealing 10,000 mating cycles 	480 Mbit/s	—	1 Gbit/s	1 Gbit/s	10.2 Gbit/s
	 4 pins Ø 12 mm*	—	 9 pins Ø 15 mm*	 2 pins Ø 12 mm*	 19 pins Ø 18.5 mm*

FISCHER CORE SERIES

 <ul style="list-style-type: none"> Rugged IP68/IP69 sealing 10,000 mating cycles 	480 Mbit/s	—	5 Gbit/s	1 Gbit/s	18 Gbit/s
	 4 pins Ø 15 mm*	—	 12 pins Ø 13 mm*	 2 pins Ø 9 mm*	 20 pins Ø 15 mm*

*max. plug diameter

TRY OUR DATA PROTOCOL SOLUTIONS

Our expert team has selected and created a range of pre-cabled solutions designed to help you qualify the right product according to your data transmission requirements.

Scan,
discover,
choose.



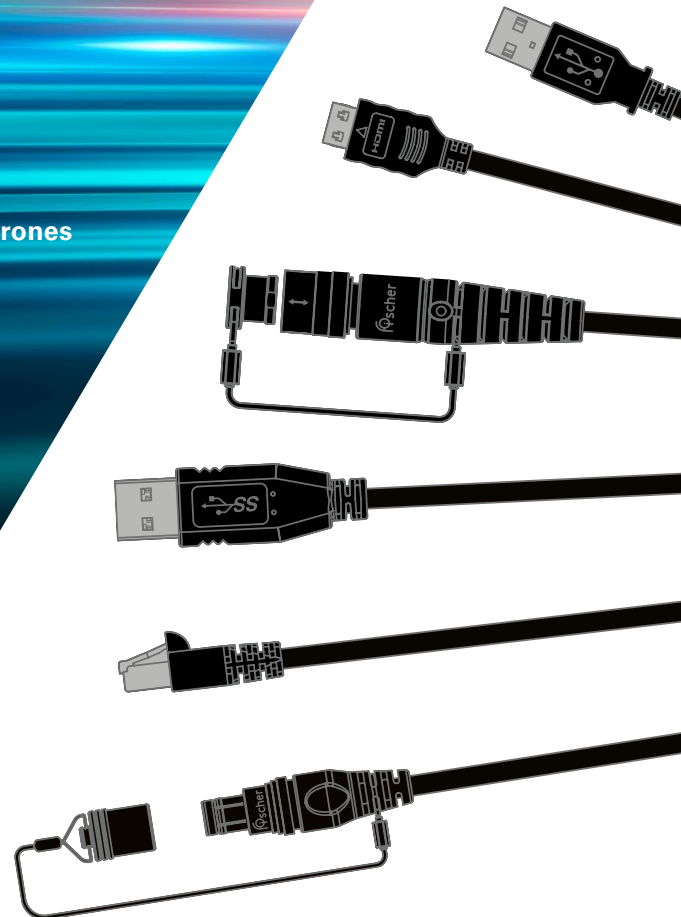
Explore high-performance connectivity solutions
[fischerconnectors.com](https://www.fischerconnectors.com)





SELECTED DATA PROTOCOL SOLUTIONS

- Ready-to-order pre-cabled references
- Designed for demanding environments – defense, medical, drones
- Suitable for applications up to 18 Gbit/s





USB 2.0
cable assemblies

FISCHER MINIMAX™ SERIES



Description	Designation	Part number
MiniMax receptacle to USB 2.0 Type A plug	CA D 4xLV MR50 0202/USB2 MA PVC BK 0.3m	141379



Description	Designation	Part number
MiniMax plug to USB 2.0 Type A plug	CA D 4xLV MP11 0202/USB2 MA PVC BK 2.0m	134250

FISCHER ULTIMATE™ SERIES



Description	Designation	Part number
UltiMate receptacle to USB 2.0 Type A plug	CA D 4xLV UR50 F004/USB2 MA PVC BK 0.3m	141378



Description	Designation	Part number
UltiMate plug to USB 2.0 Type A plug	CA D 4xLV UP01 M004/USB2 MA PVC BK 2.0m	134258

 FISCHER **MINIMAX™** SERIES



Description	Designation	Part number
MiniMax receptacle to USB 3.2 Type A plug	CA D 9xLV MR50 0009/USB3 MA PVC BK 0.3m	141380



Description	Designation	Part number
MiniMax plug to USB 3.2 Type A plug	CA D 9xLV MP11 2007/USB3 MA PVC BK 2.0m	134256



FISCHER MINIMAX™ SERIES



Description	Designation	Part number
MiniMax receptacle to RJ45 plug	CA D 8xLV MR50 08 0008/RJ45 LSOH BK 0.3m	141377

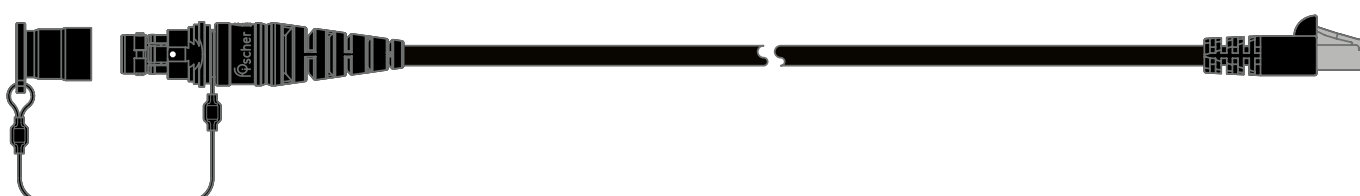


Description	Designation	Part number
MiniMax plug to RJ45 plug	CA D 8xLV MP11 0008/RJ45 LSOH BK 2.0m	134252

FISCHER ULTIMATE™ SERIES



Description	Designation	Part number
UltiMate receptacle to RJ45 plug	CA D 8xLV UR50 08 F009/RJ45 LSOH BK 0.3m	141376



Description	Designation	Part number
UltiMate plug to RJ45 plug	CA D 8xLV UP01 08 M009/RJ45 LSOH BK 2.0m	134260



 FISCHER **ULTIMATE™** SERIES



Description	Designation	Part number
UltiMate receptacle to open-end cable	CA S 2xLV UR50Z07F0S2/OE PUR BK 2.0m	142308



Description	Designation	Part number
UltiMate plug to open-end cable	CA S 2xLV UPL07M0S2/OE PUR BK 2.0m	140924

 FISCHER **CORE** SERIES



Description	Designation	Part number
Core receptacle to open-end cable	CA S 2xLV KSE102A066/OE PUR BK 2.0m	141390



Description	Designation	Part number
Core plug to open-end cable	CA S 2xLV SS102A066/OE PUR BK 2.0m	140923

 FISCHER **MINIMAX™** SERIES



Description	Designation	Part number
MiniMax receptacle to HDMI 2.0 plug	CA D 19xLV MR50LH019/HDMI-P PVC BK 1.5m	142712



Description	Designation	Part number
MiniMax plug to HDMI 2.0 plug	CA D 19xLV MP08LH019/HDMI-P PVC BK 1.5m	142710

 FISCHER **ULTIMATE™** SERIES



Description	Designation	Part number
UltiMate receptacle to HDMI 1.4 plug	CA D 19xLV UR50 F019/HDMI PVC BK 0.3m	141381



Description	Designation	Part number
UltiMate plug to HDMI 1.4 plug	CA D 19xLV UP01 M0019/HDMI PVC BK 2.0m	134262

 FISCHER **CORE** SERIES



Description	Designation	Part number
Core receptacle to HDMI 2.0 plug	CA D 19xLV KSE104A135/HDMI-P PVC BK 1.5m	142407



Description	Designation	Part number
Core plug to HDMI 2.0 plug	CA D 19xLV SS104A135/HDMI-P PVC BK 1.5m	142406



Explore high-performance connectivity solutions
[fischerconnectors.com](https://www.fischerconnectors.com)

© Fischer Connectors SA – All rights reserved – Changes without prior notice