DESIGNING AND MANUFACTURING MEDICAL CONNECTORS AND CABLE ASSEMBLY SOLUTIONS FOR MORE THAN 60 YEARS
CONNECTIVITY SOLUTIONS TO PROTECT THE FUNCTIONALITY OF YOUR DEVICES – AND THE LIVES THAT DEPEND ON THEM

When it comes to patient care, device functionality can be a matter of life and death. Fischer Connectors helps you deliver reliable, high-performance electronic devices that improve and save patients’ lives.

Our fully customizable connectors and cable assembly solutions are ideal for demanding medical and dental environments. With a comprehensive range of connectivity solutions – including miniature, sterilizable, reusable, hybrid, disposable and silicone-coated options –, your devices will meet even the strictest requirements, without compromising on design.

As your partner in connectivity, we’ll help you reduce risk, comply to FDA standards and develop safe, sleek devices that improve patient lives and outcomes.
RELIABLE CONNECTIVITY THAT KEEPS PATIENTS SAFE

Dependable, high-speed connectivity solutions for accurate imaging and diagnostics, every time

- HDMI & USB 3.0
- Ergonomic & easy to handle
- EMI/RFI shielding
- High-density, miniature solutions
- Watertight (IP68/IP69) & hermetic

Check out the video online: medical.fischerconnectors.com/#diagnostic-and-imaging
PRODUCT HIGHLIGHTS*

FISCHER CORE SERIES BRASS
Highly configurable push-pull connectors

FISCHER MINIMAX™ SERIES
High density, signal and power in one miniature connector

FISCHER CORE SERIES PLASTIC
Sterilizable, corrosion-resistant plastic connectors

MAXIMIZE

VALUE
Up to 10,000 mating cycles, corrosion resistance, durable materials

SAFETY
Easy to handle and configure with gloves, multiple safe locking systems, color coding

SPEED & ACCURACY
Ultra-fast data transfer with USB 3.0 and HDMI or over fiber

MINIMIZE

RISK
Sterilizable, sealed, hermetic and non-magnetic

SPACE & WEIGHT
Compact, lightweight, ultra-dense

* More solutions available with our other product lines – see last page or contact us.
INTERVENTIONAL & SURGICAL SOLUTIONS

HIGH-PERFORMANCE CONNECTIVITY, WHEN PRECISION MATTERS MOST

Durable connectivity solutions adapted to demanding medical and dental environments

- High pin density, up to 10 Gb/s data speed
- Watertight (IP68/IP69) & hermetic
- Color coding, good grip & easy mating
- Sterilizable & thermo-resistant
- Lightweight & compact
- Lightweight & compact

Check out the video online: medical.fischerconnectors.com/#interventional-and-surgical

KEY INTERCONNECT FEATURES

ULTRAFAST  EASY TO USE  RELIABLE  COMPACT & LIGHTWEIGHT  SEALED  RUGGED

Color coding  Up to IP68  Up to 10,000 mating cycles  Silicone overmold
MAXIMIZE
SAFETY
Color coding, various locking systems, easy grip with quality tactile feel
QUALITY
Sterilizable, chemical and thermal resistance, right-angled and silicone overmolds
PRECISION
Highly configurable and customizable, easy to handle, high-speed data transfer
MINIMIZE
RISK
IP68/IP69, decontamination compatible
SPACE & WEIGHT
Compact and lightweight materials for maximum agility

PRODUCT HIGHLIGHTS*

FISCHER CORE SERIES DISPOSABLE
Cost-effective, durable connectors with quality tactile feel

FISCHER CORE STAINLESS STEEL
Ultra-resistant, sterilizable & easy to handle

FISCHER CORE SERIES PLASTIC
Sterilizable, corrosion-resistant plastic connectors

* More solutions available with our other product lines – see last page or contact us.
EASY-TO-USE CONNECTIVITY TO FIT EVERY DESIGN

Accurate and agile connectivity solutions for vital patient information and critical care

- Reliable, high-speed data transfer
- Watertight (up to IP69) & hermetic
- Easy integration & use, even with gloves
- Up to 10,000 mating cycles
- Ultra-dense & miniature

Check out the video online: medical.fischerconnectors.com/#monitoring-and-therapeutic
**PRODUCT HIGHLIGHTS**

**FISCHER MINIMAX™ SERIES**
High density, signal and power in one miniature connector

**FISCHER FREEDOM™ SERIES**
Breakthrough plug & use connectivity with easy mating, easy cleaning, easy integration

**FISCHER CORE SERIES BRASS**
Highly configurable push-pull connectors

**MAXIMIZE**

**SAFETY**
Highly configurable, various locking systems, right-angled overmolds, fully cleanable

**MOBILITY**
Compact, lightweight, 360° mating, easy integration and use

**RESPONSIVENESS**
Ultra-fast data transfer with USB 3.0 or HDMI

**MINIMIZE**

**RISK**
Sterilizable, non-magnetic and IP68 mated/unmated

**SPACE & WEIGHT**
Compact, lightweight materials without compromising quality

* More solutions available with our other product lines – see last page or contact us.
CABLE ASSEMBLY SOLUTIONS

STREAMLINE YOUR SUPPLY CHAIN WHILE REALIZING SIGNIFICANT TIME AND COST SAVINGS WITH FISCHER CONNECTORS

Our complete cable assembly solutions include:

- Overmolded cable assemblies, including thermoplastic & silicone
- Wiring harness assemblies
- Rugged & submersible cable solutions
- Heat shrinking for added protection and support to exposed wire
- Potting to allow submersion
- Fiber optic termination
- Low-cost and disposable options
- Third-party connector integration
- Pigtails
- Right-angled overmolds

Contact us for cable assembly solutions: mail@fischerconnectors.ch
SOLVING UNIQUE CHALLENGES WITH DISTINCTIVE REQUIREMENTS AND DEMAND

From initial concept through prototyping, testing, manufacturing and installation, we work closely with your development team to find the right solution that perfectly suits your specific needs.

With broad experience spanning a spectrum of industries and specialized situations, our professionals have developed custom connector and assembled solutions for a variety of projects, including disposable designs for medical equipment applications, miniature connectors for harsh environments, mission-critical connectors for the military, and rugged designs for extreme sports.

Look to Fischer Connectors, a worldwide leader in designing, manufacturing and distributing high-performance connectivity solutions.

Contact us for custom solutions: mail@fischerconnectors.ch
## CONNECTORS FOR MEDICAL APPLICATIONS

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<td>EASY INTEGRATION</td>
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### CORE PLASTIC DISPOSABLE MINIMAX FREEDOM

**ANY SIZE**

**ANY CONFIGURATION**

**ANY APPLICATION**

**EASY TO USE**

**DURABLE**

**LIGHTWEIGHT**

**COST-EFFECTIVE**

**EASY TO USE MODULAR**

**HIGH-DENSITY MINIATURIZATION**

**HIGH-SPEED DATA TRANSFER RELIABILITY**

**EASY MATING**

**EASY CLEANING**

**EASY INTEGRATION**

### LOCKING

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### SHELL MATERIAL

- Autoclave, EtO, Cidex, gamma radiation, Steris®, Sterrad®

### PLUG Ø [MM]

- 9 - 34
- 14.5/18.5
- 15.8 / 17.8
- 9.9 - 12.9
- 20.4 / 25.4

### NUMBER OF CONTACTS

- 1 to 55
- 2 to 27
- 6 to 19
- 4 to 24
- 4 / 7

### CONTACT TYPE

- Low voltage / High voltage
- Coax / Triax / Hybrid

### TEST VOLTAGE DC [kV]

- Up to 50
- Up to 4
- Up to 2.7
- Up to 2.4
- Up to 1.2

### CURRENT RATING [A]

- Up to 60
- Up to 30
- Up to 3.0
- Up to 10
- Up to 5.0

### SEALING LEVEL

- IP68 / IP69
- IP67 / IP68
- IP30 - IP40
- IP68
- Metal IP68/Plastic IP67

### MATING CYCLES

- 10,000
- 5,000
- 10
- 5,000
- Metal 10,000/Plastic 5,000

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**ISO 45001**

**ISO 14001**

**ISO 13485**

**ISO 9001**

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**HEADQUARTERS**

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