

Fischer Core Series

Connect²

Expertise | Reliability | Innovation



Original High Performance Push-Pull Connectors

Any size, any configuration, any application

www.fischerconnectors.com

fischer[®]
CONNECTORS

FISCHER CORE SERIES

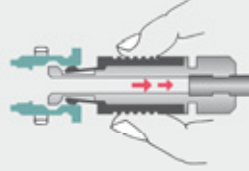
KEY FEATURES

FULLY FLEXIBLE



- Any possible configuration or size
- Fully configurable to fulfill each of your needs
- Multi-polar, power, coax, fluid & mixed configurations available

EASY HANDLING



- Patented push-pull locking for easy & quick operation
- Mechanical & color coding for easy identification
- Easy cable assembly

SEALING



- High sealing performances for vacuum & underwater applications
- Up to IP68/69
- Hermetic

DURABILITY



- High temperature & chemical resistance
- Premium materials to resist most sterilization methods
- Marine grade applications

CERTIFICATION & COMPLIANCE

Fischer Connectors is committed to quality throughout every phase of its operations. The company supports its customers and applies within its organization all directives and norms improving the quality, safety and environmental friendliness of its connectors, processes and systems.

ISO 9001

ISO 13485

ISO 14001

ROHS
compliant

REACH



PRODUCT RANGE

FISCHER CORE SERIES

The Fischer Core Series is the most extensive product range of Fischer Connectors and was originally designed in 1954. It spans from quick release short plugs to hermetic bulkhead feedthroughs or completely threaded receptacles with PCB contacts. Whether you need front or rear mounted, cable or panel mounted, a quick release or a tamperproof locking, inverse polarity, right angle or all of the above, you will find it within the Fischer Core Series.



- High flexibility of configurations: low/high voltage, coax/triax, fiber optic, liquid/gas and other hybrid configurations
- Numerous levels of sealing from IP50 to IP68/69 or even hermetically sealed
- Over 20,000 standard items
- Over 35 different body styles

PRODUCT RANGE

FISCHER CORE SERIES – STAINLESS STEEL

The Stainless Steel range of the Fischer Core Series is specially designed for the most severe conditions and can be used in hazardous or contaminated environments like nuclear or medical applications. Fischer Connectors offers remote handling option enabling the user to operate this connecting solution remotely with the assistance of a teleoperator or a robot ensuring user safety.



- Premium materials (316L, PEEK, EPDM)
- Radioactive decontamination and microbiological sterilization
- Outstanding chemical, temperature, corrosion and radiation resistance
- Easily manipulatable with gloves

For product details and more information, visit our website www.fischerconnectors.com

PRODUCT RANGE

FISCHER ALULITE™ SERIES

The Fischer AluLite™ Series is ultralight and compact, offering an excellent strength-to-weight ratio. This push-pull circular connector smoothly fits in with your product design and offers an easy-to-use color coding system. Significantly lighter (around 50%) than typical metal connectors, the Fischer AluLite™ Series is ideal for mobile equipment, portable systems, hand-held devices or drones.



- Chromium plated connector housing in an aluminium alloy specifically chosen for its anticorrosion properties
- Rugged, 360° EMC shielded, sealed up to IP68 (2m/24h) or even hermetically sealed
- Available in multipole from 2 to 27 pins with solder, PCB or crimp contacts and, upon request, in coax, triax or hybrid contact configurations
- Colors available on request



PRODUCT RANGE

FISCHER PLASTIC & DISPOSABLE SERIES

The Fischer Plastic Series and the Fischer Disposable Series are designed to ensure maximum user safety and electric shock protection, featuring fully insulated plastic connector bodies. These high performance connectors are compatible with Fischer Core Series plugs and receptacles.



- SureGrip plug body for secure and easy manipulation with gloves
- Up to 5,000 mating cycles for the Fischer Plastic Series
- Completely sterilizable¹⁾, ideal for industrial and medical applications
- Color-coding for easy identification and to prevent incorrect mating

¹⁾ See Fischer Plastic Series and Disposable Series Technical Specifications for full range information.

The Fischer Disposable Series is mateable with all high performance Fischer Connectors' panel receptacles of the Fischer Core Series 104.



FISCHER CORE SERIES HIGH PERFORMANCE PUSH-PULL CONNECTORS

The Fischer Core Series offers high performance push-pull connectors and cable assembly solutions. With 60 years of continuous improvements, our product range includes over 20,000 standard items and offers highly customizable contact configurations. Rugged, reliable, sealed or hermetic, lightweight and compact, Fischer Core Series is trusted by technology-driven industries worldwide, from medical to defense, from automotive to instrumentation equipment. No matter what you need, you can find in any of our product ranges.

MEDICAL



INSTRUMENTATION



INDUSTRIAL



DEFENSE



AUTOMOTIVE



TRANSPORT



SECURITY



ENERGY

