

Fischer UltiMate™ Series

Connect²

Expertise | Reliability | Innovation



Rugged, compact, lightweight
Connectors and cable assemblies

www.fischerconnectors.com

fischer[®]
CONNECTORS

FISCHER ULTIMATE™ SERIES

KEY FEATURES

DURABILITY



- Sealing IP68/IP69 even unmated
- Hermetic
- Extremely robust mechanical keying
- 10,000 mating cycles

PERFORMANCE



- 360° EMC shielding
- Grounding contact ring
- Easy cable assembly solutions

RUGGED



- High shock & vibration resistance
- Operating temperature: -55°C to +135°C
- High corrosion resistance
- Blind mating

PERSONALIZED



- Wide range of configurations
- Miniature & ultralight design
- Color overmolding available
- Crimp and solder contacts

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.

MIL-SPECS: The Fischer UltiMate™ Series is engineered to withstand extreme operational environments, such as vibration, shock, rain, humidity, salt fog, sand/dust, or temperature; our military connectors are tested according to IEC standards. For **MIL-SPECS** and IEC test methods, please refer to our website: www.fischerconnectors.com.

Fischer Connectors is **EN ISO 13485:2012** certified and meets the quality management systems requirements for the design and manufacture of medical devices.

Our company is **ISO 9001:2008** certified. Through longstanding quality management commitment, we target excellence.

Fischer Connectors' environmental management system is **ISO 14001:2004** certified. Our company is committed to efficiently managing its waste, to preventing contamination and to reducing the environmental impact.

All connectors from Fischer Connectors are **RoHS** and **REACH** compliant.

ISO 9001

ISO 13485

ISO 14001



PRODUCT RANGE

PLUGS	SHORT CABLE MOUNTED		PANEL FRONT MOUNTED	
	 UP01		 UP50	
RECEPTACLES	PANEL LOW PROFILE REAR-MOUNTED	PANEL REAR-MOUNTED	PANEL LOW PROFILE FRONT-MOUNTED	SHORT CABLE MOUNTED
	 UR01	 UR02	 UR03	 UR50

AVAILABLE SIZES

07	
08	
11	
13	
18	

Images of available sizes are on 1:1 scale.

For more detailed information, please consult the Fischer UltiMate™ Series Technical Specifications.

CABLE ASSEMBLY SOLUTIONS

Fischer Connectors' skilled technical and support teams help you build the perfect Fischer UltiMate™ cable assembly for your unique application, providing advice through design, prototype, assembly, testing, manufacturing, installation, and beyond.

Our complete solutions include:

- Overmolded cable assemblies, including thermoplastic & silicone
- Rugged & submersible cable solutions
- Heat shrinking for added protection and support to exposed wire
- Straight and right-angle overmolding



FISCHER ULTIMATE™ BEND RELIEF

Top performance, no hassle

- No tool required: 5 steps to complete self-assembly
- Clean cut: perfectly adjust the bend relief to your cable diameter with a simple blade
- Long lasting:
 - Resists 10,000 constraints at a 90° angle
 - Operating temperatures -55°C to +135°C
 - UV resistant



For more detailed information, please consult the Fischer UltiMate™ Bend Relief Assembly Instructions.

ACCESSORIES SOFT CAPS

Sealing caps protect unmated Fischer UltiMate™ Series in the field. The soft caps perfectly suit applications where a lightweight, noiseless option is preferred.



For more detailed information, please consult the Fischer UltiMate™ Series Technical Specifications.

FISCHER ULTIMATE™ SERIES FOR HARSH ENVIRONMENTS

The Fischer UltiMate™ Series is specially designed for a broad range of harsh environment applications. It offers rugged, compact, lightweight, sealed connectors and cable assembly solutions ideally suited to withstand a variety of severe environmental, industrial and chemical conditions.

DEFENSE



SECURITY



INDUSTRIAL



ENERGY



MEDICAL



OIL & GAS



VACUUM



EXTREME



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