

MFM

Simplex Ruggedised Connector

Key Features

- Multimode & Singlemode Options
- 500 hrs Salt Spray
- Ø2.5mm ceramic ferrule
- Anti-vibration coupling mechanism
- Low insertion loss
- >500 cycles mating durability
- Keyed Shells



The MFM is rugged, sealed, anti-vibration and corrosion resistant ensuring high environmental and optical performance in a variety of applications ranging from aerospace, land, and above / below sea.

The MFM connectors themselves include a ratchet coupling nut for high-vibration applications. The connectors are manufactured from ARCAP which provides very high corrosion resistance. Keying options provide superior alignment, optical performance and can also prevent misconnection. Being of modular construction, the shell interface can be changed accordingly. The connectors are sealed to IP68 standards to resist fluids and dust penetration.

An example of some applications / markets

- Military Land Communications
- Outdoor Fibre Optic Interconnect
- Security and Surveillance
- Military Tactical Deployment systems
- Shipboard Applications

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Specification

Insertion Loss	Typical 0.3dB Multimode, 0.5dB Singlemode
Mating Durability	>500 cycles
Operating Temperature	-65°C to +155°C
Vibration	As per pr EN 2519 Test D3 Method A
Shock	As per EN2591 Test FD2 D2 Method A
Material	Arcap

