

Anti-vibration



Lightweight



Waterproof



Compact



# MFM SIMPLEX

A range of single and multimode rugged fibre optic products from Amphenol UK

The Simplex MFM Fibre Optic range has been specifically designed to operate in semi-harsh environments. The rugged, anti-vibration, corrosion resistant design ensures high environmental and optical performance.

The MFM Simplex is widely used within the military, aerospace, shipboard and offshore markets, finding its niche in ruggedised internal systems such as patch panels.



**Amphenol**<sup>®</sup>



## Features

Anti-vibration coupling

Diameter 2.5mm PC ceramic ferrule

RoHS compliant

Sealed to IP68

Multiple keying options

Multimode and singlemode compatible

Arcap construction

Field termination and repairable

Available as pre-terminated assemblies

Repeatability

## Benefits

Prevents disconnection when under vibration  
Gunfire vibration approved

Low insertion loss of typically  $-0.25\text{dB}$

Meets industry requirements to restrict the use of hazardous substances

A high degree of sealing to protect against dust and water ingress in mated conditions  
Reduces ferrule/fibre cleaning

Seven keying options to prevent mis-mating  
Increases system security

Suitable for use with industry accepted cables

Coefficient of expansion similar to glass  
Lightweight  
Anti-corrosive properties

End user installation and maintenance  
Reduced system downtime

No customer termination required  
Available on cable drums

Optically stable connection