

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

## Benefits

Anti-vibration coupling

Prevents disconnection when under vibration  
Gunfire vibration approved

Diameter 2.5mm PC ceramic ferrule

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

RoHS compliant

Meets industry requirements to restrict the use of hazardous substances

Sealed to IP68

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

Multiple keying options

Seven keying options to prevent mis-mating  
Increases system security

Multimode and singlemode compatible

Suitable for use with industry accepted cables

Arcap construction

Coefficient of expansion similar to glass  
Lightweight  
Anti-corrosive properties

Field termination and repairable

End user installation and maintenance  
Reduced system downtime

Available as pre-terminated assemblies

No customer termination required  
Available on cable drums

Repeatability

Optically stable connection