

Hermaphroditic



Lightweight



Waterproof



Compact



# HDM & HQM series

The Hermaphroditic interconnection connector series for semi harsh environments from Amphenol UK

Amphenol's Hermaphroditic Duplex Miniature (HDM) and Hermaphroditic Quad Miniature (HQM) Series is optimised for semi harsh environments, both internally and externally. The product facilitates the interconnection of fibre optic cable assemblies thus eliminating the need for polarising the assemblies and the use of inline adapters.

Easy to clean and easy to assemble the fronts of both connectors can be effortlessly removed for general maintenance and inspection.

The utilisation of the HDM and HQM interconnection system reaches its potential within the military communications, industrial, broadcast and offshore markets.



**Amphenol**<sup>®</sup>



## Features

Hermaphroditic design

Diameter 2.5mm PC ceramic ferrule

Miniature footprint

Optical channel configurations

RoHS compliant

Sealed to IP68

Removable front housings for plug and receptacle

¼ turn coupling

Multimode and singlemode compatible

Lightweight

Field termination and repairable

Available as pre-terminated assemblies

Repeatability

## Benefits

Allows easy cabling extensions or 'daisy chaining'

Low insertion loss typically -0.3dB

Space saving compared to alternative product

HDM offers 2x optical channels  
HQM offers 4x optical channels

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

Easy to maintain, inspect and clean

Quick connection system

Suitable for use with industry accepted cables

Manufactured from aluminium with various finishes available

End user installation and maintenance  
Reduced system downtime

No customer termination required  
Available on cable drums

Optically stable connection