MHD-FODA-0050M

Hardened Multifiber Optical Connector (HMFOC) cable assembly, HMFOC plug to stub, 12-fiber, 50 meters

- Hardened connectors are factory-terminated and environmentally sealed for use in optical drop cable deployments
- Hardened drop cables incorporate hardened connector technology that is designed to withstand the rugged outside plant environment
- Hardened drop cables simplify installation and maintenance by reducing splicing requirements in the distribution portion of the network

Product Classification

Regional Availability	Asia | Latin America | North America
Portfolio	CommScope®
Product Type	Fiber drop cable assembly
Product Series	MHD

General Specifications

Cable Type	Dielectric - Flat
Connector A, quantity	1
Color, boot A	Black
Color, connector A	Black
Interface, Connector A	Hardened multi-fiber (HMFOC) plug
Interface Feature, connector A	Female
Interface, Connector B	Unterminated
Jacket Color	Black
Total Fibers, quantity	12

Dimensions

Cable Assembly Length	50 m | 164.042 ft
Cable Outer Diameter	4.3 x 8.0 mm (0.17 x 0.31 in)

Ordering Tree

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Connector A

F	Plug/ Non-pinned/ Female
M	Jack/ Pinned/ Male

Connector B

F	Plug/ Non-pinned/ Female
M	Jack/ Pinned/ Male
0	Stub

Cable type

A	12F Flat Dielectric
H	12F Flat Toneable/ Locatable

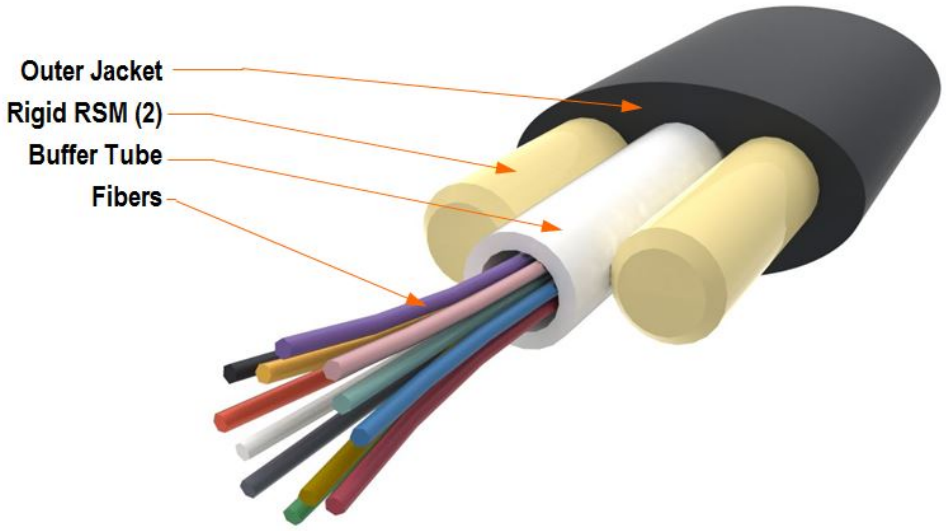
Cable lengths*

0050	50 Feet
0100	100 Feet
1000	1000 Feet
2000	2000 Feet

F	Feet
M	Meters

* Cable Length shown as an example, additional cable lengths available upon request up to 2,000 ft. (600 m).

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	86 mm | 3.386 in
Minimum Bend Radius, unloaded	81 mm | 3.189 in
Tensile Load, long term, maximum	400 N | 89.924 lbf
Tensile Load, short term, maximum	1334 N | 299.895 lbf

Optical Specifications

Fiber Mode	Singlemode

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Fiber Type	G.657.A2
Insertion Loss, maximum, connector A	0.45 dB
Return Loss, minimum, connector A	65 dB

Environmental Specifications

Installation temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space	Outdoor, buried
Jacket UV Resistance	UV stabilized

Packaging and Weights

Cable weight	39 kg/km | 26.207 lb/kft
Packaging quantity	1

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant/Exempted

Included Products

810009324/DB O-012-DF-8G1-F12NS/30T	–	Self-Supporting All-Dielectric Outdoor Drop Cable, 12 fiber Arid Core construction, central loose tube

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