MHD

Base Product

Fiber Optic Feeder Cable Assembly with HMFOC connectors

- 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
- Incorporates 12 optical fibers in a single hardened design, terminated with a factory-sealed hardened multifiber fiber-optic connector (HMFOC) at one or both sides
- Assemblies have a 12-fiber MT (mobile terminated) ferrule enclosed in a water-sealed connector housing for outside plant applications
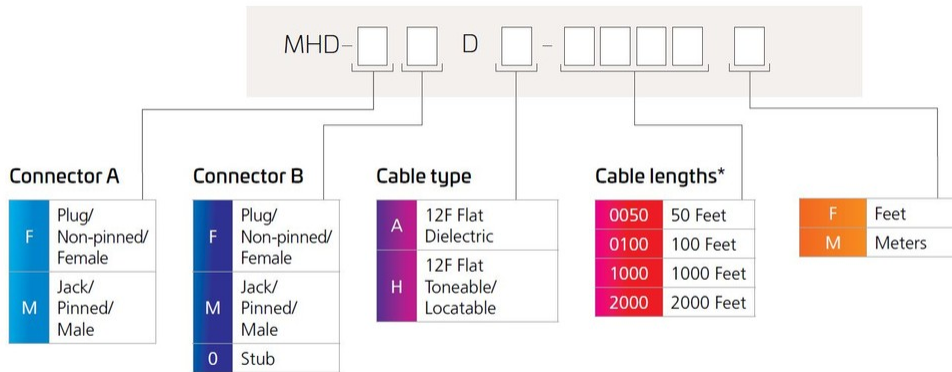
Product Classification

Regional Availability	Asia	Latin America	North America
Product Type	Fiber drop cable assembly
Product Series	MHD

General Specifications

Jacket Color	Black

Ordering Tree

MHD-☐☐ D ☐-☐☐☐☐ ☐

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).

Mechanical Specifications

Minimum Bend Radius, loaded	86 mm	3.386 in

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MHD

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
Fiber Type	G.657.A2, TeraSPEED®

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

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

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