

# MHBD-FOK1A-0055M

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Hardened Multifiber Optical Connector (HMFOC) cable assembly, HMFOC plug to 12 LC/UPC, 55 Meters

## Product Classification

Portfolio	CommScope®
Product Type	Fiber drop cable assembly
Product Series	MHBD

## General Specifications

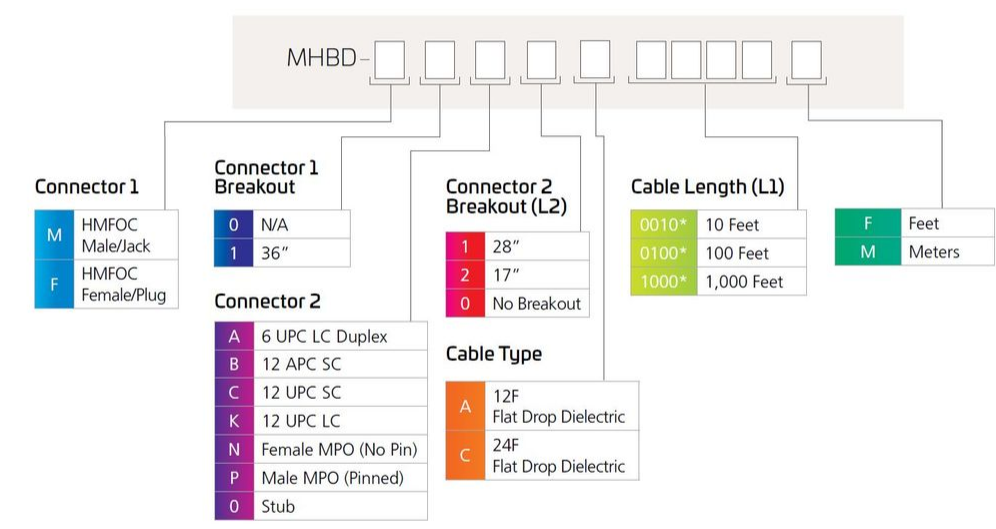
Color, boot A	Black
Color, boot B	Blue
Color, connector A	Black
Color, connector B	Blue
Connector A, quantity	1
Connector B, quantity	12
Interface, Connector A	Hardened multi-fiber (HMFOC) plug
Interface, Connector B	LC/UPC
Jacket Color	Black
Total Fibers, quantity	12

## Dimensions

Height Over Jacket	4.5 mm   0.177 in
Cord Length	55 m   180.446 ft
Diameter Over Jacket	8 mm   0.315 in

## Ordering Tree

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## Material Specifications

**Jacket Material** Dielectric - Flat

## Mechanical Specifications

**Minimum Bend Radius, loaded** 88.9 mm | 3.5 in

**Minimum Bend Radius, unloaded** 63.5 mm | 2.5 in

## Optical Specifications

**Fiber Mode** Singlemode

**Fiber Type** G.657.A2

**Insertion Loss, maximum, connector A** 0.45 dB

**Insertion Loss, maximum, connector B** 0.2 dB

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<b>Return Loss, minimum, connector A</b>	65 dB
<b>Return Loss, minimum, connector B</b>	55 dB

## Environmental Specifications

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

## Packaging and Weights

<b>Packaging quantity</b>	1
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