

# MLOC-4-F1XM-HF-M5



HELIAX® M-LOC Multiport cluster 4 ports SureFlex® cable assembly with interface type M-LOC latching male to 4.3-10 female, size 1/4", length 0.5 meters

## Product Classification

<b>Product Type</b>	HELIAX® MLOC cluster, SureFlex® D-CLASS, dynamic PIM
<b>Product Brand</b>	HELIAX®   SureFlex®
<b>Product Series</b>	MLOC

## General Specifications

<b>Attachment, Connector A</b>	Factory attached
<b>Attachment, Connector B</b>	Factory attached
<b>Body Style, Connector A</b>	Straight
<b>Body Style, Connector B</b>	Straight
<b>Interface, Connector A</b>	M-LOC Male
<b>Interface, Connector B</b>	4.3-10 Female
<b>Specification Sheet Revision Level</b>	A

## Dimensions

<b>Length</b>	0.5 m   1.64 ft
<b>Nominal Size</b>	1/4 in

## Electrical Specifications

<b>3rd Order IMD Dynamic</b>	-119 dBm
<b>3rd Order IMD Dynamic Test Method</b>	Two +43 dBm carriers per IEC 62037

## VSWR/Return Loss

Frequency Band	Gated VSWR	Gated Return Loss (dB)	Insertion Loss, typical (dB)
1000–3000 MHz	1.07	30	0.29
3000–4200 MHz	1.11	26	0.34

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4200–5000 MHz

1.12

25

0.38

## Mechanical Specifications

**Minimum Bend Radius, multiple Bends** 25.4 mm | 1 in

**Minimum Bend Radius, single Bend** 25.4 mm | 1 in

## Environmental Specifications

**Installation temperature** -40 °C to +60 °C (-40 °F to +140 °F)

**Operating Temperature** -55 °C to +85 °C (-67 °F to +185 °F)

**Storage Temperature** -55 °C to +85 °C (-67 °F to +185 °F)

**Immersion Test Method** Meets IEC 60529:2001, IP68 in mated condition