

# MLOC-5-F1BNHM-1M5



HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with Integrated Birdproofing Shell with interface type M-LOC latching male to 4.3-10 male, size 1/4", length 1.5 meters

## Product Classification

<b>Product Type</b>	HELIAX® MLOC cluster, SureFlex® Premium, static 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 Male
<b>Specification Sheet Revision Level</b>	A

## Dimensions

<b>Length</b>	1.5 m   4.921 ft
<b>Nominal Size</b>	1/4 in

## Electrical Specifications

<b>3rd Order IMD Static</b>	-119 dBm
<b>3rd Order IMD Static Test Method</b>	Two +43 dBm carriers

## VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)	Gated VSWR	Gated Return Loss (dB)	Insertion Loss, typical (dB)
1000–3000 MHz	1.135	23.98	1.07	30	0.64
3000–4200 MHz	1.222	20.01	1.11	26	0.77

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4200–5000 MHz                      1.25    19.08                      1.12                      25                      0.85

## 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

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant



## Included Products

- FSJ1-50A                      –                      FSJ1-50A, HELIAX® Superflexible Low Density Foam Coaxial Cable, corrugated copper, 1/4 in, black PE jacket