

MLOC-4-F1BNHM-1M5



HELIAX® M-LOC Multiport cluster 4 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

Product Type	HELIAX® MLOC cluster, SureFlex® Premium, static PIM
Product Brand	HELIAX® SureFlex®
Product Series	MLOC

General Specifications

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

Dimensions

Length	1.5 m 4.921 ft
Nominal Size	1/4 in

Electrical Specifications

3rd Order IMD Static	-119 dBm
3rd Order IMD Static Test Method	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

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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 www.commscope.com/ProductCompliance
ROHS	Compliant



Included Products

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