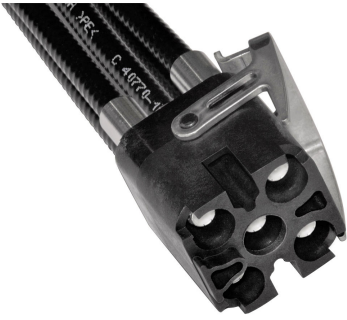# MLOC-5-F1XM-HM-4M

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

Product Classification

Product Type	HELIAX® MLOC cluster, SureFlex® D-CLASS, dynamic 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	4 m	13.123 ft
Nominal Size	1/4 in

Electrical Specifications

3rd Order IMD Dynamic	-119 dBm
3rd Order IMD Dynamic Test Method	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	1.065	30	1.55
3000–4200 MHz	1.106	26	1.87

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4200–5000 MHz	1.119	25	2.06

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

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