# MLOC-A-F1XMHMW-M45



HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC latching male to 4.3-10 male with HELIAX® SureGuard weatherproofing, with AISG converter in the center port, size 1 /4", length 0.45 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	0.45 m   1.476 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	VSWR	Return Loss (dB)	Gated VSWR	Gated Return Loss (dB)	Insertion Loss, typical (dB)
1000–3000 MHz	1.135	23.98	1.07	30	0.34
3000–4200 MHz	1.222	20.01	1.11	26	0.4
4200–5000 MHz	1.25	19.08	1.12	25	0.44

### Mechanical Specifications

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## MLOC-A-F1XMHMW-M45

Minimum Bend Radius, multiple Bends	25.4 mm		1 in
Minimum Bend Radius, single Bend	25.4 mm	I	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
Weatherproofing Method	HELIAX® SureGuard weatherproofing boot

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