

MLOC-4-F1XM-HM-1M



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

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	1 m 3.281 ft
Nominal Size	1/4 in

Port Configuration

HOUSING PORT NUMBER	PORT LABEL TEXT			
	STANDARD	"C"	"E"	"N"
1	CL+	CR-	D	ANT 6
2	L-	CL-	A	ANT 1
3	L+	L-	C	ANT 5
4	CL-	R-	B	ANT 2

Electrical Specifications

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

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VSWR/Return Loss

Frequency Band	Gated VSWR	Gated Return Loss (dB)	Insertion Loss, typical (dB)
1000–3000 MHz	1.07	30	0.46
3000–4200 MHz	1.11	26	0.56
4200–5000 MHz	1.12	25	0.61

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