

MLOC-4-LS2XMHF-1M



HELIAX® M-LOC Multiport cluster 4 ports SureFlex® cable assembly with interface type M-LOC latching male to 4.3-10 female, size 3/8", length 1 meter

- WARNING: DO NOT MATE WITH 4.1-9.5 DIN

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	Panel mount
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	3/8 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
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3rd Order IMD Dynamic Test Method

Two +43 dBm carriers per IEC 62037

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)	Insertion Loss, typical (dB)
1000–3000 MHz	1.094	27	0.33
3100–4200 MHz	1.152	23	0.39
4200–5000 MHz	1.173	22	0.43

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