

# MLOC5-LS2XMHMQ-5M



HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC latching male to 4.3-10 male push pull,size 3 /8", length 5 meters

- WARNING: DO NOT MATE WITH 4.1-9.5 DIN

## 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	Push-pull
Interface, Connector A	M-LOC Male
Interface, Connector B	4.3-10 Male
Specification Sheet Revision Level	A

## Dimensions

Length	5 m   16.404 ft
Nominal Size	3/8 in

## Port Configuration

HOUSING PORT NUMBER	PORT LABEL TEXT			
	STANDARD	"C"	"E"	"N"
1	R+	CR+	H	ANT 8
2	CR-	CL+	E	ANT 3
3	CR+	L+	G	ANT 7
4	R-	R+	F	ANT 4
CENTER	CAL	CAL	CAL	BF

## Electrical Specifications

3rd Order IMD Static	-119 dBm
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# MLOC5-LS2XMHMQ-5M

3rd Order IMD Static Test Method

Two +43 dBm carriers

## VSWR/Return Loss

Frequency Band	Gated VSWR	Gated Return Loss (dB)	Insertion Loss, typical (dB)
1000–3000 MHz	1.074	29	1.19
3100–4200 MHz	1.074	29	1.44
4200–5000 MHz	1.083	28	1.59

## 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