

# MLOC5-LS2BNHMW-10M



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

- 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	Straight
Interface, Connector A	M-LOC Male
Interface, Connector B	4.3-10 Male
Specification Sheet Revision Level	B

## Dimensions

Length	10 m   32.808 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
-----------------------	----------

# MLOC5-LS2BNHMW-10M

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	1.074	29	2.28
3100–4200 MHz	1.074	29	2.75
4200–5000 MHz	1.083	28	3.04

## Mechanical Specifications

Minimum Bend Radius, multiple Bends	100 mm   3.937 in
Minimum Bend Radius, single Bend	50 mm   1.969 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)
Weatherproofing Method	Weatherproofing tube