

# MLOC5-LS2BNXMW-5M



HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC latching male to Nex10 male with HELIAX® SureGuard weatherproofing, size 3/8", length 5 meters, covered by conduit shield

- WARNING: DO NOT MATE WITH 4.1-9.5 DIN

## Product Classification

<b>Product Type</b>	HELIAX® MLOC cluster, SureFlex® D-CLASS, dynamic PIM
<b>Product Brand</b>	HELIAX®   SureFlex®
<b>Product Series</b>	MLOC

## General Specifications

<b>Attachment, Connector A</b>	Factory attached
<b>Attachment, Connector B</b>	Factory attached
<b>Body Style, Connector A</b>	Straight
<b>Body Style, Connector B</b>	Straight
<b>Interface, Connector A</b>	M-LOC Male
<b>Interface, Connector B</b>	NEX10 Male
<b>Specification Sheet Revision Level</b>	A

## Dimensions

<b>Length</b>	5 m   16.404 ft
<b>Nominal Size</b>	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

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

## VSWR/Return Loss

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

## Mechanical Specifications

<b>Minimum Bend Radius, multiple Bends</b>	100 mm   3.937 in
<b>Minimum Bend Radius, single Bend</b>	40 mm   1.575 in

## Environmental Specifications

<b>Installation temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Operating Temperature</b>	-55 °C to +85 °C (-67 °F to +185 °F)
<b>Storage Temperature</b>	-55 °C to +85 °C (-67 °F to +185 °F)
<b>Immersion Test Method</b>	Meets IEC 60529:2001, IP68 in mated condition
<b>Weatherproofing Method</b>	HELIAX® SureGuard weatherproofing boot