# MLOC5-LS2BNHMW-7M



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 7 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	В
Dimensions	
Length	7 m   22.966 ft

3/8 in

### Port Configuration

**Nominal Size** 

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

### **Electrical Specifications**

**3rd Order IMD Dynamic** 

-119 dBm

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## MLOC5-LS2BNHMW-7M

#### 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	1.63
3100-4200 MHz	1.074	29	1.96
4200-5000 MHz	1.083	28	2.17

### 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

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