MLOC5-LS2BNDMW-5M

HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC latching male to 7-16DIN 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

Portfolio	CommScope®
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	7-16 DIN 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	CL+	CR-	D	ANT 6
2	L-	CL-	A	ANT 1
3	L+	L-	C	ANT 5
4	CL-	R-	B	ANT 2

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Electrical Specifications

3rd Order IMD Dynamic	-119 dBm
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	1.19
3000–4200 MHz	1.074	29	1.44
4200–5000 MHz	1.083	28	1.59

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)
Immersion Test Method	Meets IEC 60529:2001, IP68 in mated condition
Weatherproofing Method	HELIAX® SureGuard weatherproofing boot

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