MLOC-A-F1XMHMW-M45



HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC latching male to 4.3-10 male with HELIAX® SureGuard weatherproofing, with AISG converter in the center port, size 1 /4", length 0.45 meters

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 A

Dimensions

Length 0.45 m | 1.476 ft

Nominal Size 1/4 in

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	VSWR	Return Loss (dB)	Gated VSWR	Gated Return Loss (dB)	Insertion Loss, typical (dB)
1000-3000 MHz	1.135	23.98	1.07	30	0.34
3000-4200 MHz	1.222	20.01	1.11	26	0.4
4200-5000 MHz	1.25	19.08	1.12	25	0.44

Mechanical Specifications

ANDREW® an Amphenol company

MLOC-A-F1XMHMW-M45

Minimum Bend Radius, multiple Bends25.4 mm | 1 inMinimum Bend Radius, single Bend25.4 mm | 1 in

Environmental Specifications

Installation temperature $-40 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-40 $^{\circ}\text{F}$ to $+140 \,^{\circ}\text{F}$)

Operating Temperature $-55 \,^{\circ}\text{C}$ to $+85 \,^{\circ}\text{C}$ (-67 $^{\circ}\text{F}$ to $+185 \,^{\circ}\text{F}$)

Storage Temperature $-55 \,^{\circ}\text{C}$ to $+85 \,^{\circ}\text{C}$ (-67 $^{\circ}\text{F}$ to $+185 \,^{\circ}\text{F}$)

Immersion Test MethodMeets IEC 60529:2001, IP68 in mated condition

Weatherproofing Method HELIAX® SureGuard weatherproofing boot

