# MLOC-5-LS2XMXM-15M

HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC latching male to Nex10 male,size 3/8", length 15 Meters

- 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** | NEX10 Male |
| **Specification Sheet Revision Level** | A |

## Dimensions

| | |
|---|---|
| **Length** | 15 m   |   49.213 ft |
| **Nominal Size** | 3/8 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 | Gated VSWR | Gated Return Loss (dB) | Insertion Loss, typical (dB) |
|---|---|---|---|
| **1000−3000 MHz** | 1.08 | 29 | 3.36 |
| **3000−4200 MHz** | 1.08 | 29 | 4.06 |

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| 4200–5000 MHz | 1.09 | 28 | 4.48 |
|---|---|---|---|

## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, multiple Bends** | 25.4 mm  \|  1 in |
| **Minimum Bend Radius, single Bend** | 25.4 mm  \|  1 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 |

## Regulatory Compliance/Certifications

| Agency | Classification |
|---|---|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

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