# MLOC5-LS2BNXMW-5M

HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC latching male to Nex10 male, size 3/8", length 5 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** | NEX10 Male |
| **Specification Sheet Revision Level** | B |

## 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 |

## Electrical Specifications

| | |
|---|---|
| **3rd Order IMD Dynamic** | -119 dBm |



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| | |
|---|---|
| **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) |
| **Weatherproofing Method** | Weatherproofing tube |



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