

# MLOC-5-LS2XMNM-5M



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

## Product Classification

|                       |   |
|-----------------------|---|
| <b>Product Type</b>   | HELIAX® MLOC cluster, SureFlex® Premium, static PIM |
| <b>Product Brand</b>  | HELIAX®   SureFlex®                                 |
| <b>Product Series</b> | MLOC  |

## General Specifications

|   |                  |
|---|------------------|
| <b>Attachment, Connector A</b>            | Factory attached |
| <b>Attachment, Connector B</b>            | Factory attached |
| <b>Body Style, Connector A</b>            | Straight         |
| <b>Body Style, Connector B</b>            | Straight         |
| <b>Interface, Connector A</b>             | M-LOC Male       |
| <b>Interface, Connector B</b>             | N Male           |
| <b>Specification Sheet Revision Level</b> | A                |

## Dimensions

|                     |                 |
|---------------------|-----------------|
| <b>Length</b>       | 5 m   16.404 ft |
| <b>Nominal Size</b> | 3/8 in          |

## Electrical Specifications

|   |                      |
|---|----------------------|
| <b>3rd Order IMD Static</b>             | -116 dBm             |
| <b>3rd Order IMD Static Test Method</b> | Two +43 dBm carriers |

## 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                         |

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4200–5000 MHz

1.083

28

1.59

## 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