

# MLOC-4-F1XMHR-5M



HELIAX® M-LOC Multiport cluster 4 ports SureFlex® cable assembly with interface type M-LOC latching male to 4.3-10 male Right angle, size 1 /4", length 5 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            | Right angle      |
| Interface, Connector A             | M-LOC Male       |
| Interface, Connector B             | 4.3-10 Male      |
| Specification Sheet Revision Level | A                |

## Dimensions

|              |                 |
|--------------|-----------------|
| Length       | 5 m   16.404 ft |
| Nominal Size | 1/4 in          |

## Electrical Specifications

|                      |          |
|----------------------|----------|
| 3rd Order IMD Static | -119 dBm |
|----------------------|----------|

## VSWR/Return Loss

| Frequency Band | Gated VSWR | Gated Return Loss (dB) | Insertion Loss, typical (dB) |
|----------------|------------|------------------------|------------------------------|
| 1000–3000 MHz  | 1.065      | 30                     | 1.91                         |
| 3000–4200 MHz  | 1.106      | 26                     | 2.3                          |
| 4200–5000 MHz  | 1.119      | 25                     | 2.54                         |

## Mechanical Specifications

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

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|                                  |   |
|----------------------------------|---|
| 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 <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a> |
| ROHS       | Compliant  |
| UK-ROHS    | Compliant  |

