

MLOC4-F1XMHF-1M5C



HELIAX® M-LOC Multiport cluster 4 ports SureFlex® cable assembly with interface type M-LOC latching male to 4.3-10 female, size 1/4", length 1.5 meters, with co-polar port marking

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 Female |
| Specification Sheet Revision Level | A |

Dimensions

| | |
|---------------------|------------------|
| Length | 1.5 m 4.921 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 | Gated VSWR | Gated Return Loss (dB) | Insertion Loss, typical (dB) |
|----------------|------------|------------------------|------------------------------|
| 1000–3000 MHz | 1.07 | 30 | 0.64 |
| 3000–4200 MHz | 1.11 | 26 | 0.77 |
| 4200–5000 MHz | 1.12 | 25 | 0.85 |

Mechanical Specifications

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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 | Above maximum concentration value |
| ROHS | Compliant/Exempted |
| UK-ROHS | Compliant/Exempted |

