

MLOC-5-LS2XMHM-2M



HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC latching male to 4.3-10 male, size 3/8", length 2 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 | 4.3-10 Male |
| Specification Sheet Revision Level | A |

Dimensions

| | |
|--------------|----------------|
| Length | 2 m 6.562 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 | 0.54 |
| 3100–4200 MHz | 1.08 | 29 | 0.65 |
| 4200–5000 MHz | 1.09 | 28 | 0.72 |

MLOC-5-LS2XMHM-2M

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

