

MLOC4-F1BNHMMW-2M



HELIAX® M-LOC Multiport cluster 4 ports SureFlex® cable assembly with Integrated Birdproofing Shell with interface type M-LOC latching male to 4.3-10 male with HELIAX® SureGuard weatherproofing on 4.3-10 end,size 1/4", length 2 meters,

Product Classification

| | |
|----------------|---|
| Product Type | HELIAX® MLOC cluster, SureFlex® Premium, static 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 | 1/4 in |

Electrical Specifications

| | |
|----------------------------------|----------------------|
| 3rd Order IMD Static | -119 dBm |
| 3rd Order IMD Static Test Method | Two +43 dBm carriers |

VSWR/Return Loss

| Frequency Band | Gated VSWR | Gated Return Loss (dB) | Insertion Loss, typical (dB) |
|----------------|------------|------------------------|------------------------------|
| 1000–3000 MHz | 1.07 | 30 | 0.82 |
| 3000–4200 MHz | 1.11 | 26 | 0.98 |
| 4200–5000 MHz | 1.12 | 25 | 1.09 |

MLOC4-F1BNHMW-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 |
| Weatherproofing Method | HELIAX® SureGuard weatherproofing boot |

Regulatory Compliance/Certifications

| Agency | Classification |
|------------|--|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |



Included Products

| | |
|----------|--|
| FSJ1-50A | – FSJ1-50A, HELIAX® Superflexible Low Density Foam Coaxial Cable, corrugated copper, 1/4 in, black PE jacket |
|----------|--|