

MLOC-4-FIXM-DM-3M



HELIAX® M-LOC Multiport cluster 4 ports SureFlex® cable assembly with interface type M-LOC latching male to 7/16DIN male, size 1/4", length 3 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 | 7-16 DIN Male |
| Specification Sheet Revision Level | A |

Dimensions

| | |
|---------------------|----------------|
| Length | 3 m 9.843 ft |
| Nominal Size | 1/4 in |

Electrical Specifications

| | |
|-----------------------------------------|----------------------|
| 3rd Order IMD Static | -116 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 | 1.065 | 30 | 1.18 |
| 3000–4200 MHz | 1.106 | 26 | 1.42 |
| 4200–5000 MHz | 1.119 | 25 | 1.56 |

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 |