

MLOC-5-F1XM-XM-5M



HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC latching male to NEX10 male,size 1/4", length 5 m

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 | NEX10 Male |
| Specification Sheet Revision Level | A |

Dimensions

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

Port Configuration

| HOUSING PORT NUMBER | PORT LABEL TEXT | | | |
|---------------------|-----------------|-----|-----|-------|
| | STANDARD | "C" | "E" | "N" |
| 1 | R+ | CR+ | H | ANT 8 |
| 2 | CR- | CL+ | E | ANT 3 |
| 3 | CR+ | L+ | G | ANT 7 |
| 4 | R- | R+ | F | ANT 4 |
| CENTER | CAL | CAL | CAL | BF |

Electrical Specifications

| | |
|-----------------------------------|------------------------------------|
| 3rd Order IMD Dynamic | -119 dBm |
| 3rd Order IMD Dynamic Test Method | Two +43 dBm carriers per IEC 62037 |

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VSWR/Return Loss

| Frequency Band | VSWR | Return Loss (dB) | Gated VSWR | Gated Return Loss (dB) | Insertion Loss, typical (dB) |
|----------------|-------|------------------|------------|------------------------|------------------------------|
| 1000–3000 MHz | | | 1.07 | 30 | 1.89 |
| 3000–4200 MHz | | | 1.11 | 26 | 2.28 |
| 4200–5000 MHz | 1.065 | 30.04 | 1.12 | 25 | 2.51 |

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 | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.andrew.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

