

MLOC5-LS2BNHMW-3M



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 3 meters, covered by conduit shield

- 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 | B |

Dimensions

| | |
|--------------|----------------|
| Length | 3 m 9.843 ft |
| Nominal Size | 3/8 in |

Port Configuration

| HOUSING PORT NUMBER | PORT LABEL TEXT | | | |
|---------------------|-----------------|-----|-----|-------|
| | STANDARD | "C" | "E" | "N" |
| 1 | CL+ | CR- | D | ANT 6 |
| 2 | L- | CL- | A | ANT 1 |
| 3 | L+ | L- | C | ANT 5 |
| 4 | CL- | R- | B | ANT 2 |

Electrical Specifications

| | |
|-----------------------|----------|
| 3rd Order IMD Dynamic | -119 dBm |
|-----------------------|----------|

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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 | 1.074 | 29 | 0.76 |
| 3100–4200 MHz | 1.074 | 29 | 0.91 |
| 4200–5000 MHz | 1.083 | 28 | 1.01 |

Mechanical Specifications

| | |
|-------------------------------------|-------------------|
| Minimum Bend Radius, multiple Bends | 100 mm 3.937 in |
| Minimum Bend Radius, single Bend | 50 mm 1.969 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) |
| Weatherproofing Method | Weatherproofing tube |