

# MLOC5-RGXF-M23



HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC female to open end, size 0.141", length 0.23 meters

## 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
Body Style, Connector A	Straight
Interface, Connector A	M-LOC Female
Specification Sheet Revision Level	A

## Dimensions

Length	0.23 m   0.755 ft
Nominal Size	0.141 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)
1000–3000 MHz	1.07	30
3000–4200 MHz	1.11	26
4200–5000 MHz	1.12	25

## Mechanical Specifications

Minimum Bend Radius, multiple Bends	40 mm   1.575 in
Minimum Bend Radius, single Bend	8 mm   0.315 in

# MLOC5-RGXF-M23

---

## Environmental Specifications

Installation temperature	-55 °C to +85 °C (-67 °F to +185 °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

