

TA-MLOC4HF



M-LOC Male Multiport Cluster 4 ports to 4.3-10 Female RL Test Adapter

Product Classification

Product Type	Adapter
Product Brand	HELIAX®
Product Series	M-LOC

General Specifications

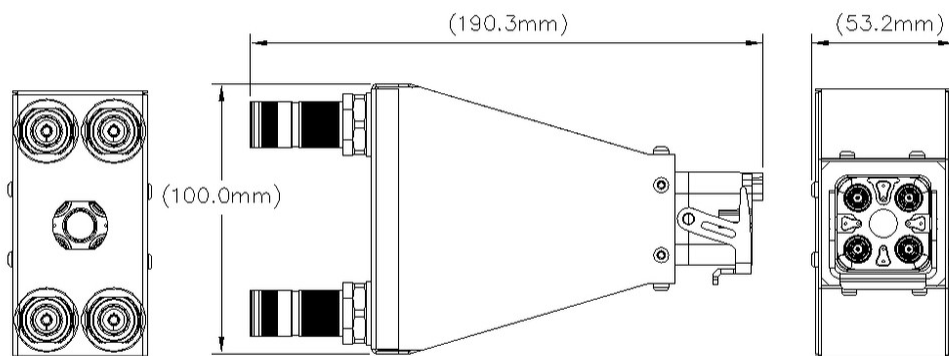
Body Style	Straight
Inner Contact Plating	Silver
Interface	M-LOC Male
Interface 2	4.3-10 Female
Mounting Angle	Straight
Outer Contact Plating	Trimetal

Dimensions

Height	53.2 mm 2.094 in
Width	100 mm 3.937 in
Length	190.3 mm 7.492 in

Outline Drawing

TA-MLOC4HF



Electrical Specifications

3rd Order IMD at Frequency	-119 dBm @ 1800 MHz
3rd Order IMD Test Method	Two +43 dBm carriers
Connector Impedance	50 ohm
Inner Contact Resistance, maximum	1 mOhm
Insulation Resistance, minimum	5000 MOhm
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	1 mOhm

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
0–3.8 GHz	1.106	25.96

Mechanical Specifications

Interface Durability	25 cycles
Mechanical Shock Test Method	IEC 60068-2-27

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Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Attenuation, Ambient Temperature	20 °C 68 °F
Average Power, Ambient Temperature	40 °C 104 °F
Average Power, Inner Conductor Temperature	100 °C 212 °F
Climatic Sequence Test Method	IEC 60068-1
Damp Heat Steady State Test Method	IEC 60068-2-3
Thermal Shock Test Method	IEC 60068-2-14
Vibration Test Method	IEC 60068-2-6

Packaging and Weights

Weight, net	744.39 g 1.641 lb
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted

