

Huang Liang MMCX Female to SMA Female Precision Adapter

SKU: ACC-HL-00065

MPN: 101-A750.199

Description

The Huang Liang MMCX Female to SMA Female Precision Adapter (Part Number: 101-A750.199) is a high-quality 50 Ω coaxial RF adapter. It features an MMCX Female interface and an SMA Female interface, both with straight body shapes and free-hanging mounting mechanisms, making them compatible with MMCX Male and SMA Male interfaces respectively. Operating within a frequency range of 0 GHz to 6 GHz, this adapter is suitable for a variety of applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and corrosion resistance. The inner contacts are made of beryllium copper with gold plating, providing excellent conductivity and reliability. The adapter functions effectively in a wide temperature range from -55 °C to 155 °C.

Huang Liang, a Taiwanese manufacturer with over 30 years of experience in RF technology, ensures that this product complies with ISO 9001 Quality Management standards and RoHS...

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Huang Liang



Huang Liang is a Taiwanese manufacturer of precision coaxial connectors, adapters and cable assemblies. The company provide solutions to different industries including military, telecommunications, and aerospace.

Over 30 years of experience in developing and designing RF products, Huang Liang has overcome many challenges, resulting in unmatched expertise in the field of RF technology. Huang Liang ...

RF Connector Interface

RF Interface	Body Shape	Mounting
MMCX Female	Straight	Free Hanging
SMA Female	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 170 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 3 \text{ m}\Omega$

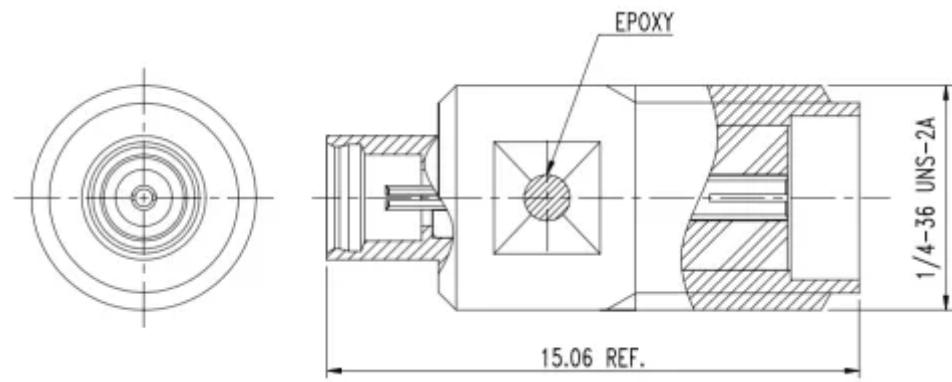
VSWR Measurement

Frequency	VSWR	Insertion Loss
6000 MHz	$\leq 1.3:1$	0.3 dB

Physical Specification

Body Material:	Stainless Steel (303)	Contact Material:	Beryllium Copper
Body Plating:	Passivated	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-55 °C
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	155 °C
RoHS		Mating Cycles:	> 500

Drawing



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