

# Huang Liang MMCX Male to SMA Female Precision Adapter

SKU: ACC-HL-00064

MPN: 101-A740.199

## Description

The Huang Liang MMCX Male to SMA Female Precision Adapter (Part Number: 101-A740.199) is a high-quality 50  $\Omega$  coaxial RF adapter. Featuring an MMCX Male interface with a straight, free-hanging design compatible with MMCX Female interfaces, and an SMA Female interface with a similar configuration compatible with SMA Male interfaces, this adapter operates across a frequency range of 0 GHz to 6 GHz.

Constructed from stainless steel (303) with a passivated finish, this adapter ensures durability and corrosion resistance. The inner contacts, made of beryllium copper with gold plating, offer enhanced conductivity and reliability. It functions effectively within a temperature range of -65 °C to 165 °C, making it suitable for various demanding environments.

Compliant with ISO 9001 Quality Management and RoHS standards, this adapter exemplifies Huang Liang's commitment to quality. With over 30 years of experience, Huang Liang is renowned for its...

[Read More](#)



## Huang Liang

Huang Liang is a Taiwanese manufacturer of precision coaxial connectors, adapters and cable assemblies. The company provides 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 Male	Straight	Free Hanging
SMA Female	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	≤ 6 mΩ
RF Operating Voltage:	≥ 170 Vrms	Insulation Resistance:	≥ 5000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

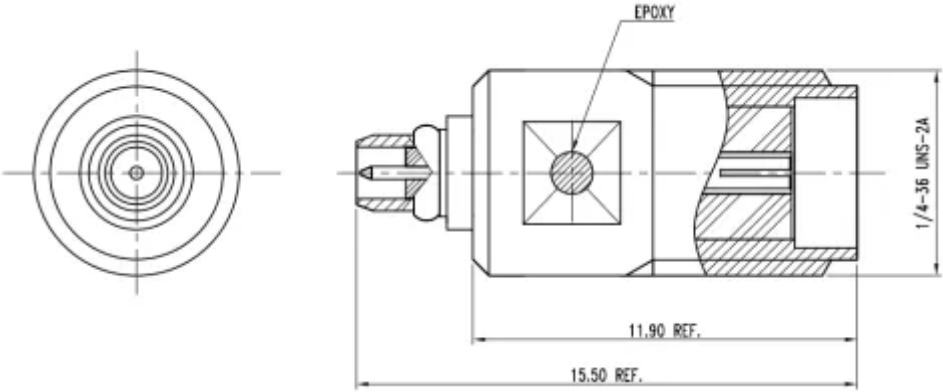
### VSWR Measurement

Frequency	VSWR	Insertion Loss
6000 MHz	≤ 1.2:1	0.15 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:	-65 °C
Weight:	1.68 g	Max. Operating Temperature:	165 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

