

# Huang Liang SMA Female to SMB Male Adapter

SKU: ACC-HL-00002

MPN: 101-A650.199

## Description

The Huang Liang SMA Female to SMB Male Adapter (Part Number: 101-A650.199) is a high-quality 50  $\Omega$  coaxial RF adapter suitable for various applications. It features a straight body with free-hanging mounts, ensuring compatibility with both SMA Male and SMB interfaces. Designed for broad usability, it operates within a frequency range of 0 to 4 GHz and maintains performance in temperatures from -65 °C to 165 °C.

Constructed from durable Stainless Steel (303) with a passivated finish, the adapter's inner contacts are made of Beryllium Copper with gold plating, ensuring reliable conductivity and longevity. This product meets ISO 9001 Quality Management standards and is RoHS compliant, guaranteeing high quality and adherence to environmental regulations.

Huang Liang, a Taiwan-based manufacturer with over 30 years of experience, specialises in precision coaxial connectors, adapters, and cable assemblies. Their expertise supports industries such...

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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
SMA Female	Straight	Free Hanging
SMB Male	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	4 GHz	Inner Contact Resistance:	≤ 6 mΩ
RF Operating Voltage:	≥ 335 Vrms	Insulation Resistance:	≥ 1000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

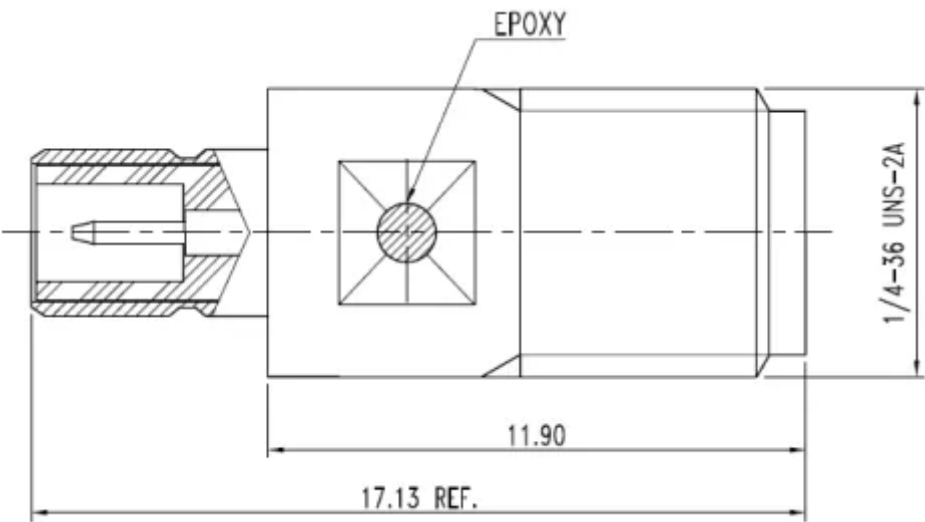
### VSWR Measurement

Frequency	VSWR	Insertion Loss
4000 MHz	≤ 1.2:1	0.25 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:	1.78 g	Max. Operating Temperature:	165 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



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