

# Huang Liang 3.5 mm Male to SMA Female Adapter

SKU: ACC-HL-00050

MPN: ADU1-35M1-SMF1

## Description

The Huang Liang 3.5 mm Male to SMA Female Adapter (Part Number: ADU1-35M1-SMF1) is a high-quality 50  $\Omega$  coaxial RF adapter. This adapter features a 3.5 mm Male straight interface compatible with 3.5 mm Female and SMA Female connectors, and an SMA Female straight interface compatible with SMA Male connectors. It covers a wide frequency range from 0 GHz to 26.5 GHz, making it versatile for various applications.

Constructed from durable Stainless Steel (303) with a passivated finish, the adapter ensures longevity and reliable performance. The inner contacts are made of Beryllium Copper with Gold plating, enhancing signal integrity. It operates efficiently within a temperature range of -40 °C to 105 °C.

This adapter is manufactured to ISO 9001 quality standards and complies with RoHS directives, ensuring exceptional product quality and environmental responsibility. With over 30 years of expertise, Huang Liang delivers robust RF solutions for...

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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
3.5 mm Male	Straight	Free Hanging
SMA Female	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	26.5 GHz	Inner Contact Resistance:	≤ 6 mΩ
RF Operating Voltage:	≥ 350 Vrms	Insulation Resistance:	≥ 3000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

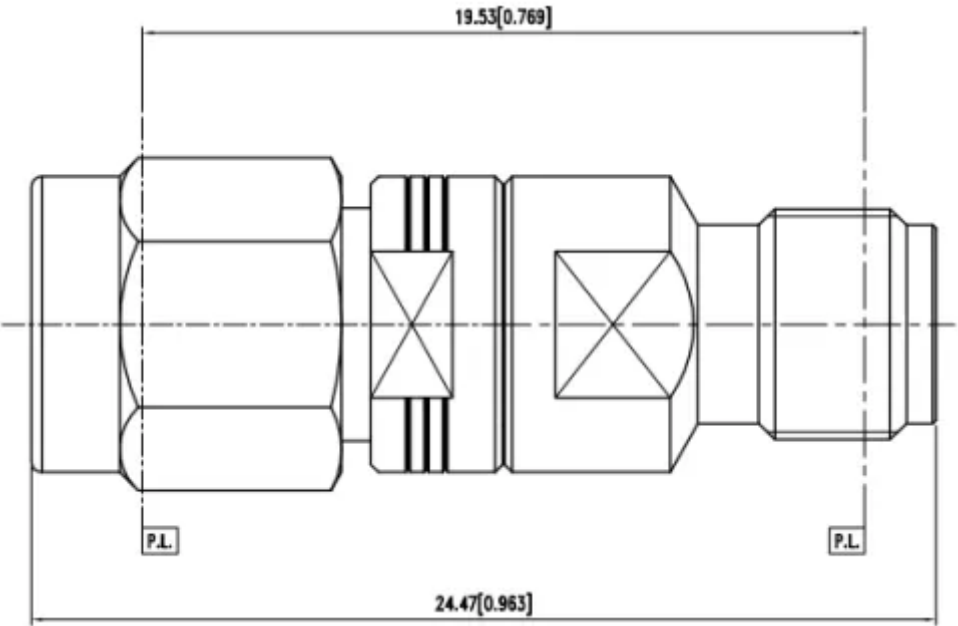
### VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 MHz	≤ 1.2:1	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:	-40 °C
Weight:	6.3 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



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