

# Huang Liang 3.5 mm Male to 3.5 mm Male Adapter

SKU: ACC-HL-00053

MPN: ADU1-35M1-35M1

## Description

The Huang Liang 3.5 mm Male to 3.5 mm Male Adapter (Part Number: ADU1-35M1-35M1) is a high-quality 50  $\Omega$  coaxial RF adapter. It features a straight body shape with a free-hanging mounting mechanism, making it compatible with 3.5 mm Female and SMA Female interfaces. This adapter supports an operating frequency range from 0 GHz to 34 GHz, ensuring excellent performance across a wide spectrum.

Constructed from passivated stainless steel (303) and featuring gold-plated beryllium copper inner contacts, it offers durability and reliable conductivity. The adapter operates efficiently in temperatures ranging from -40 °C to 105 °C, making it suitable for various demanding applications.

Manufactured in compliance with ISO 9001 Quality Management and RoHS standards, this adapter meets rigorous quality and environmental requirements. Huang Liang, a trusted Taiwanese manufacturer with over 30 years of experience, specialises in precision coaxial...

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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
3.5 mm Male	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	34 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 250 \text{ Vrms}$	Insulation Resistance:	$\geq 3000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

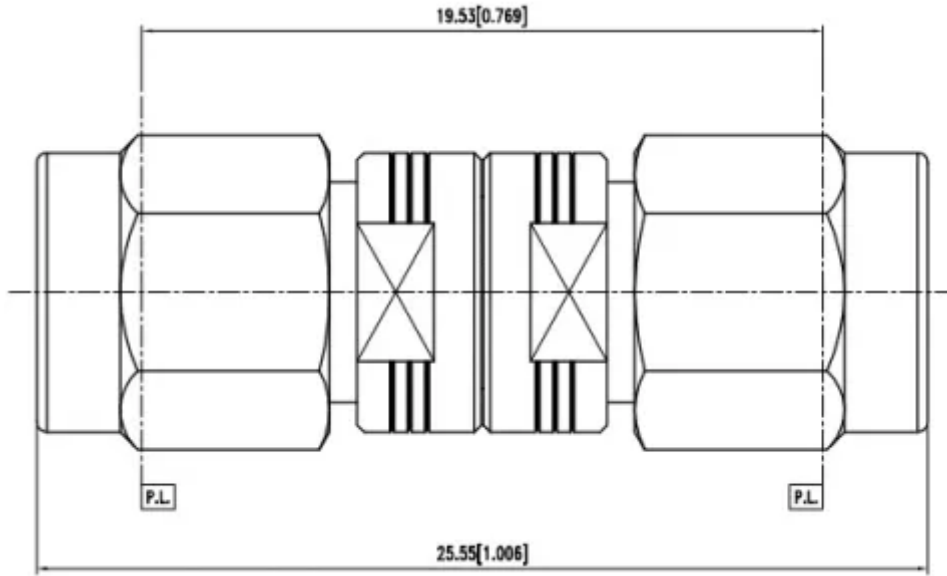
## VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	$\leq 1.2:1$	0.35 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:	7 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

# Drawing



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