

# Huang Liang 2.4 mm Male to 3.5 mm Male Adapter

SKU: ACC-HL-00025

MPN: ADU1-QM1-35M1

## Description

The Huang Liang 2.4 mm Male to 3.5 mm Male Adapter (Part Number: ADU1-QM1-35M1) is a 50  $\Omega$  coaxial RF adapter designed for high-performance applications. Manufactured in Taiwan, this adapter features a 2.4 mm Male interface with a straight, free-hanging body compatible with 2.4 mm Male and 1.85 mm Female connectors. The 3.5 mm Male interface, also with a straight, free-hanging body, is compatible with 3.5 mm Female and SMA Female connectors.

Operating within a frequency range of 0 GHz to 34 GHz, the adapter ensures reliable performance across a wide spectrum. Constructed from 303 Stainless Steel with a passivated finish, it boasts durability and resistance to corrosion. The inner contacts are made of Beryllium Copper with Gold plating, ensuring excellent conductivity and signal integrity. The adapter functions effectively in temperatures ranging from -40 °C to 105 °C.

Complying with ISO 9001 Quality Management and RoHS standards, this...

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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
2.4 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:	$\leq 2 \text{ m}\Omega$

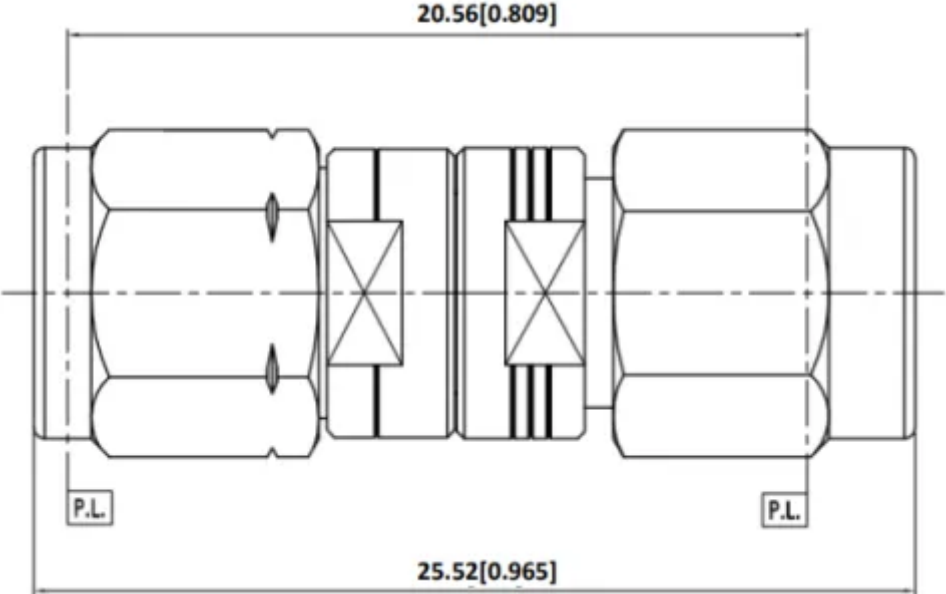
## VSWR Measurement

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:	6.8 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



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