

# Huang Liang 2.4 mm Male to 2.92 mm Male Adapter

SKU: ACC-HL-00027

MPN: ADU1-QM1-KM1

## Description

The Huang Liang 2.4 mm Male to 2.92 mm Male Adapter (Part Number: ADU1-QM1-KM1) is a high-quality 50 Ω coaxial RF adapter. It features 2.4 mm Male and 2.92 mm Male interfaces, both with a straight body shape and free-hanging mounting mechanism. The adapter supports a frequency range from 0 GHz to 40 GHz, making it suitable for a wide range of RF applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and corrosion resistance. The inner contacts are made of beryllium copper with gold plating, offering excellent conductivity and signal integrity. It is designed to operate in extreme temperatures, from -65 °C to 150 °C, ensuring reliability in various environments.

The adapter complies with ISO 9001 Quality Management standards and is RoHS compliant, underscoring its commitment to quality and environmental standards. With over 30 years of experience, Huang Liang is a trusted Taiwanese...

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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
2.92 mm Male	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	40 GHz	Inner Contact Resistance:	$\leq 3 \text{ m}\Omega$
RF Operating Voltage:	$\geq 350 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

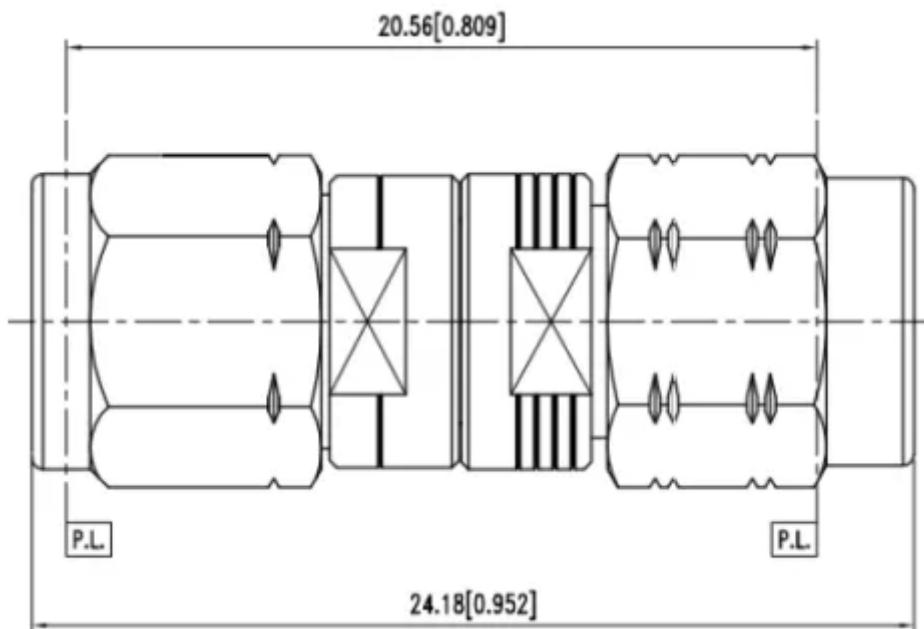
## VSWR Measurement

Frequency	VSWR	Insertion Loss
40000 MHz	$\leq 1.2:1$	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
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	150 °C
RoHS		Mating Cycles:	> 500

## Drawing



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