

# Huang Liang 2.4 mm Male to SMA Female Adapter

SKU: ACC-HL-00022

MPN: ADU1-QM1-SMF1

## Description

The Huang Liang 2.4 mm Male to SMA Female Adapter (Part Number: ADU1-QM1-SMF1) is a high-quality 50 Ω coaxial RF adapter. Featuring a 2.4 mm Male interface compatible with 2.4 mm Male and 1.85 mm Female connections, as well as an SMA Female interface compatible with SMA Male connections, this adapter supports operating frequencies from 0 GHz to 26.5 GHz.

Constructed from Stainless Steel (303) with a passivated finish and Beryllium Copper inner contacts with Gold plating, the adapter is designed for durability and superior signal integrity. It operates within a temperature range of -65 °C to 150 °C.

Compliant with ISO 9001 Quality Management and RoHS standards, this adapter ensures reliability and environmental safety. Ideal for use in military, telecommunications, and aerospace industries, Huang Liang leverages over 30 years of expertise in RF technology to provide high-performance solutions and support.



## 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
SMA Female	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	26.5 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 350 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

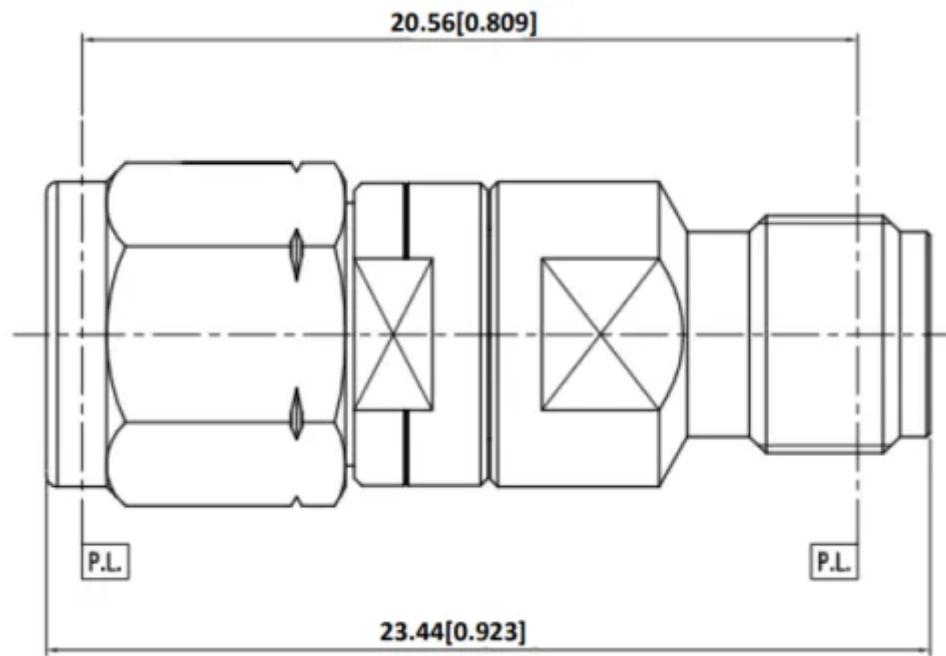
## VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 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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