

# Huang Liang 2.4 mm Male to 2.4 mm Female Adapter

SKU: ACC-HL-00028

MPN: ADU2-QM1-QF1

## Description

The Huang Liang 2.4 mm Male to 2.4 mm Female Adapter (Part Number: ADU2-QM1-QF1) is a high-quality 50 Ω coaxial RF adapter. It features a 2.4 mm Male straight body interface, compatible with 2.4 mm Male and 1.85 mm Female connections, and a 2.4 mm Female straight body interface, compatible with 2.4 mm Male and 1.85 mm Male connections. The adapter's operating frequency range is from 0 GHz to 50 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 resistance to corrosion. The inner contacts are made of beryllium copper with gold plating, ensuring reliable and high-performance electrical connections. It operates effectively in temperatures ranging from -40 °C to 105 °C.

Manufactured to ISO 9001 quality management standards and compliant with RoHS directives, this adapter guarantees quality and environmental safety. Huang Liang, based...

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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
2.4 mm Female	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	50 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:	$\leq 2 \text{ m}\Omega$

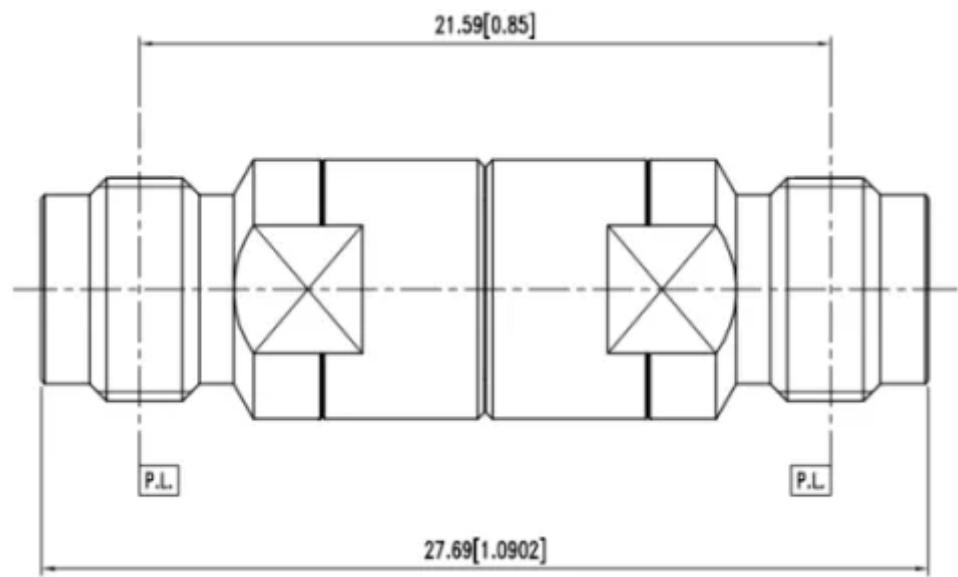
## VSWR Measurement

Frequency	VSWR	Insertion Loss
50000 MHz	$\leq 1.25:1$	0.42 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:	7.3 g		Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management		Mating Cycles:	> 500
RoHS	'			

# Drawing



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