

# Huang Liang 1.85 mm Male to 2.4 mm Female Adapter

SKU: ACC-HL-00009

MPN: ADU2-VM1-QF1

## Description

The Huang Liang 1.85 mm Male to 2.4 mm Female Adapter (ADU2-VM1-QF1) is a high-performance 50  $\Omega$  coaxial RF adapter. Designed for versatility, it features a 1.85 mm male interface and a 2.4 mm female interface, both with straight bodies and free-hanging mounts. This adapter supports connections with 1.85 mm female, 2.4 mm female, 2.4 mm male, and 1.85 mm male interfaces, offering extensive compatibility.

Operating within a frequency range of 0 GHz to 50 GHz, this adapter ensures reliable performance across a wide spectrum. It is constructed from stainless steel (303) with a passivated finish, providing robust durability. The inner contacts are made of beryllium copper with gold plating, ensuring excellent conductivity and longevity. It functions efficiently in temperatures ranging from -40 °C to 105 °C.

Manufactured in compliance with ISO 9001 Quality Management standards and RoHS directives, this adapter meets rigorous quality and...

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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
1.85 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:	≤ 6 mΩ
RF Operating Voltage:	≥ 250 Vrms	Insulation Resistance:	≥ 3000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

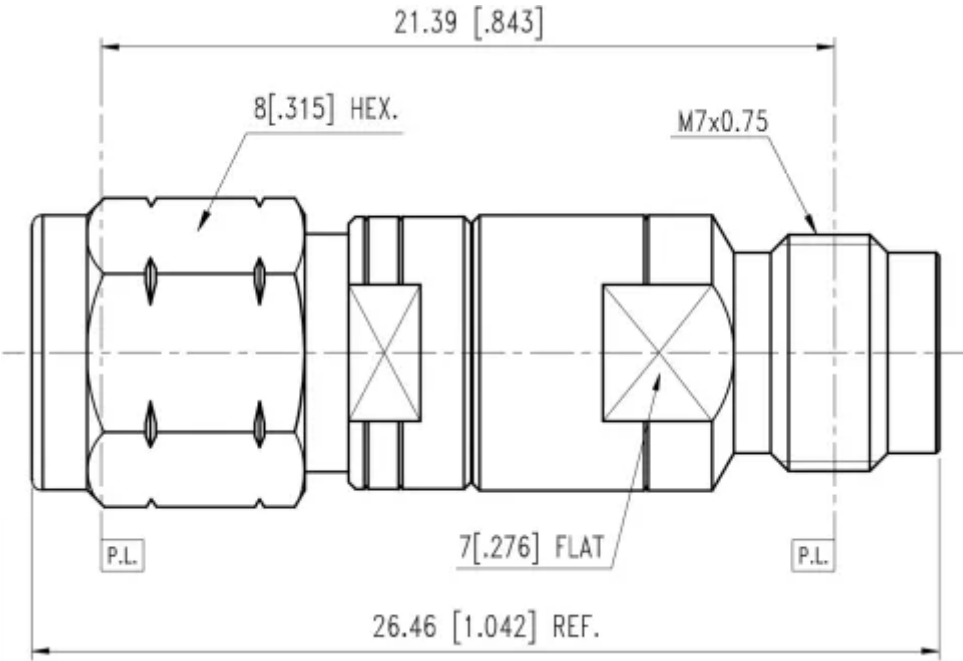
### VSWR Measurement

Frequency	VSWR	Insertion Loss
50000 MHz	≤ 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
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	105 °C
RoHS		Mating Cycles:	> 500

Drawing



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