

# Huang Liang 1.85 mm Male to 1.85 mm Female Adapter

SKU: ACC-HL-00011

MPN: ADU2-VM1-VF1

## Description

The Huang Liang 1.85 mm Male to 1.85 mm Female Adapter (Part Number: ADU2-VM1-VF1) is a high-quality 50  $\Omega$  coaxial RF adapter. It features a straight body shape and a free-hanging mounting mechanism, compatible with 1.85 mm Female and 2.4 mm Female interfaces. The adapter operates within a frequency range of 0 GHz to 65 GHz, providing reliable performance across a wide spectrum.

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, enhancing conductivity and signal integrity. It operates efficiently in temperatures ranging from -40 °C to 105 °C, making it suitable for various environmental conditions.

Certified to ISO 9001 Quality Management standards and RoHS compliant, this adapter guarantees high-quality manufacturing and adherence to environmental regulations. Ideal for applications in military...

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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
1.85 mm Male	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	65 GHz	Inner Contact Resistance:	≤ 6 mΩ
RF Operating Voltage:	≥ 250 Vrms	Insulation Resistance:	≥ 3000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

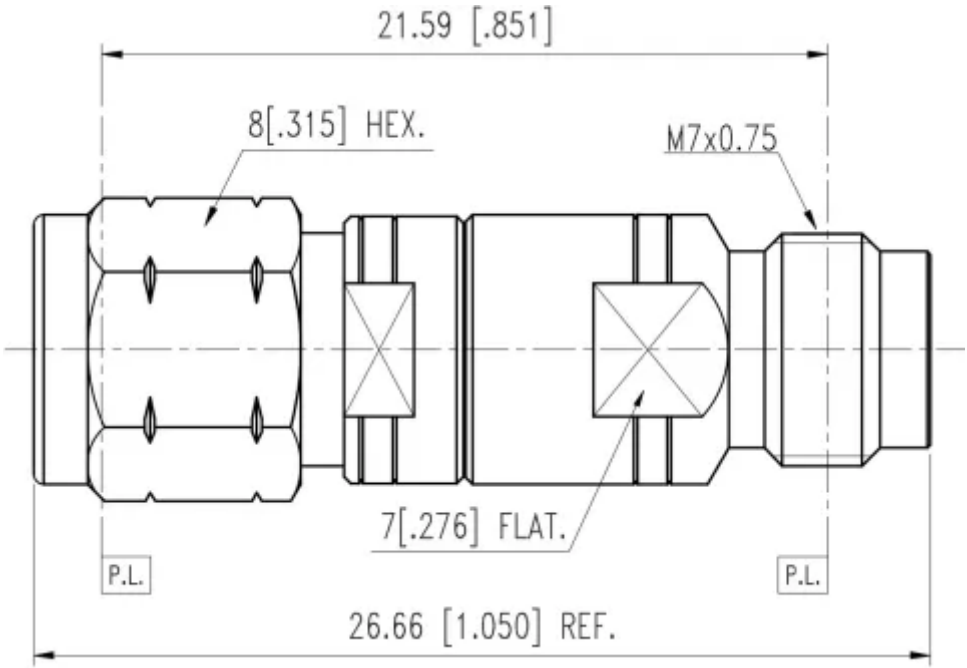
### VSWR Measurement

Frequency	VSWR	Insertion Loss
65000 MHz	≤ 1.25:1	0.48 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:	6.3 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



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