

# Huang Liang 1.85 mm Male to 2.92 mm Male Adapter

SKU: ACC-HL-00008

MPN: ADU1-VM1-KM1

## Description

The Huang Liang ADU1-VM1-KM1 is a high-quality 50  $\Omega$  coaxial RF adapter with a 1.85 mm Male to 2.92 mm Male interface. It supports connections with 1.85 mm and 2.4 mm Female interfaces on one side and 2.92 mm Female interfaces on the other. The adapter operates across a frequency range of 0 GHz to 40 GHz, making it suitable for a variety of high-frequency applications.

Constructed from Stainless Steel (303) with a passivated finish, this adapter ensures durability and corrosion resistance. The inner contacts are crafted from Beryllium Copper and finished with gold plating, providing excellent conductivity and signal integrity. It is designed to operate in temperatures ranging from -40 °C to 105 °C, making it versatile for different environments.

Manufactured in compliance with ISO 9001 quality standards and RoHS, the Huang Liang ADU1-VM1-KM1 guarantees reliability and adherence to international safety norms. With over 30 years in the RF...

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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
2.92 mm Male	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	40 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:	$\leq 2 \text{ m}\Omega$

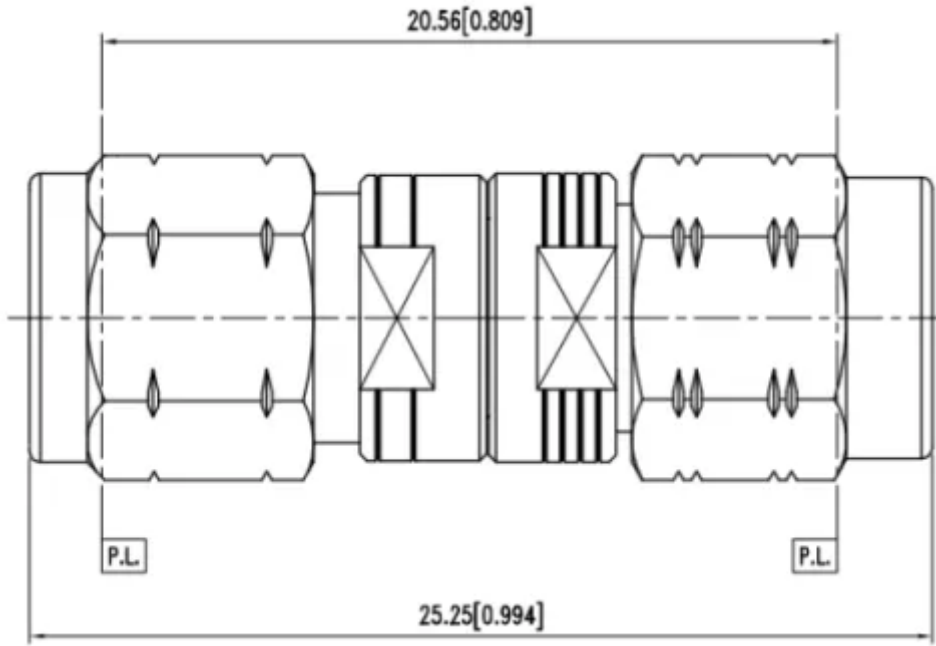
## VSWR Measurement

Frequency	VSWR	Insertion Loss
40000 MHz	$\leq 1.2:1$	0.38 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:	5.5 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

# Drawing



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