

# Huang Liang 2.92 mm Male to 2.92 mm Male Adapter

SKU: ACC-HL-00042

MPN: ADU1-KM1-KM1

## Description

The Huang Liang 2.92 mm Male to 2.92 mm Male Adapter (Part Number: ADU1-KM1-KM1) is a high-quality, 50  $\Omega$  coaxial RF adapter. This adapter features dual 2.92 mm male interfaces with straight body shapes and free-hanging mounting, compatible with 2.92 mm female interfaces. Operating within a frequency range of 0 GHz to 40 GHz, it is constructed from Stainless Steel (303) with a passivated finish for durability. The inner contacts are made of Beryllium Copper plated with gold, ensuring excellent conductivity.

This adapter is designed to perform in extreme environments, with an operational temperature range from -65 °C to 150 °C. It meets ISO 9001 Quality Management standards and is RoHS compliant, ensuring both quality and environmental safety.

Huang Liang, a Taiwanese manufacturer, specialises in precision coaxial connectors, adapters, and cable assemblies, serving industries like military, telecommunications, and aerospace. With over 30...

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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
2.92 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:	$\leq 3 \text{ m}\Omega$
RF Operating Voltage:	$\geq 350 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

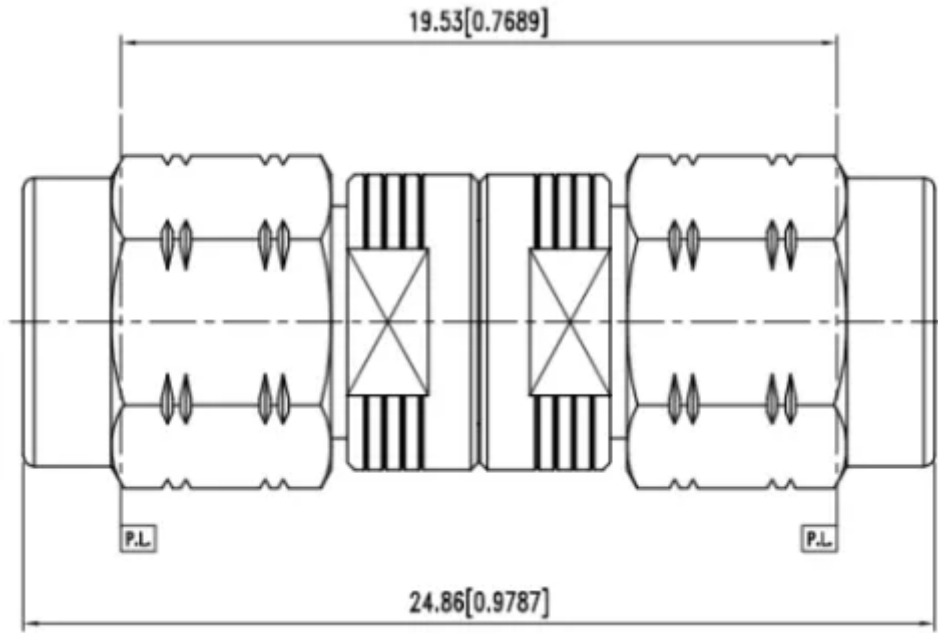
## VSWR Measurement

Frequency	VSWR	Insertion Loss
40000 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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