

Huang Liang 2.92 mm Male to 3.5 mm Male Adapter

SKU: ACC-HL-00040

MPN: ADU1-KM1-35M1

Description

The Huang Liang 2.92 mm Male to 3.5 mm Male Adapter (Part Number: ADU1-KM1-35M1) is a high-quality 50 Ω coaxial RF adapter. It features a 2.92 mm male interface and a 3.5 mm male interface, both with straight body shapes and free-hanging mounting mechanisms. These interfaces are compatible with 2.92 mm female and 3.5 mm female or SMA female counterparts. The adapter supports an operating frequency range from 0 GHz to 34 GHz.

Constructed from Stainless Steel (303) with a passivated finish, the adapter ensures durability and corrosion resistance. The inner contacts are made of Beryllium Copper with gold plating, providing excellent conductivity and performance. It operates reliably within a temperature range of -65 °C to 150 °C.

This adapter complies with ISO 9001 Quality Management and RoHS standards, underscoring its quality and environmental compliance. Huang Liang, a Taiwanese manufacturer with over 30 years of expertise, specialises in...

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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
3.5 mm Male	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	34 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:	$\leq 2 \text{ m}\Omega$

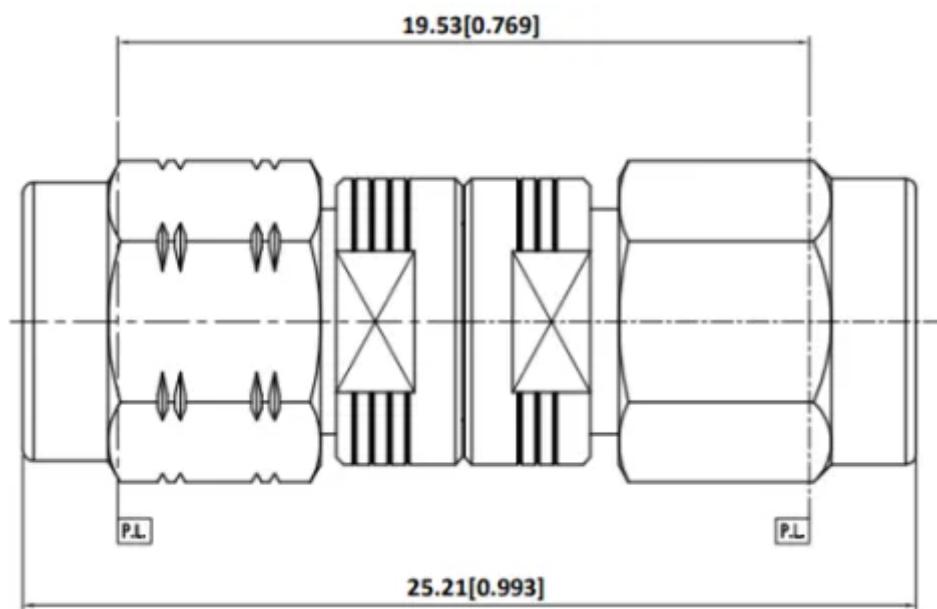
VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 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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