

Huang Liang 1.85 mm Male to 3.5 mm Male Adapter

SKU: ACC-HL-00006

MPN: ADU1-VM1-35M1

Description

The Huang Liang 1.85 mm Male to 3.5 mm Male Adapter (Part Number: ADU1-VM1-35M1) is a high-quality, 50 Ω coaxial RF adapter designed for versatile connectivity. It features a straight 1.85 mm male interface compatible with 1.85 mm and 2.4 mm female connectors, and a straight 3.5 mm male interface compatible with 3.5 mm and SMA female connectors. The adapter supports an operating frequency range of 0 GHz to 34 GHz, making it suitable for various high-frequency applications.

Constructed from Stainless Steel (303) with a passivated finish, this adapter ensures durability and resistance to corrosion. The inner contacts are made of Beryllium Copper with gold plating, ensuring excellent conductivity and signal integrity. It operates reliably within a temperature range of -40 °C to 105 °C.

Compliant with ISO 9001 Quality Management and RoHS standards, this adapter meets stringent quality and environmental requirements. Huang Liang, based 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
1.85 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:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 325 \text{ Vrms}$	Insulation Resistance:	$\geq 3000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

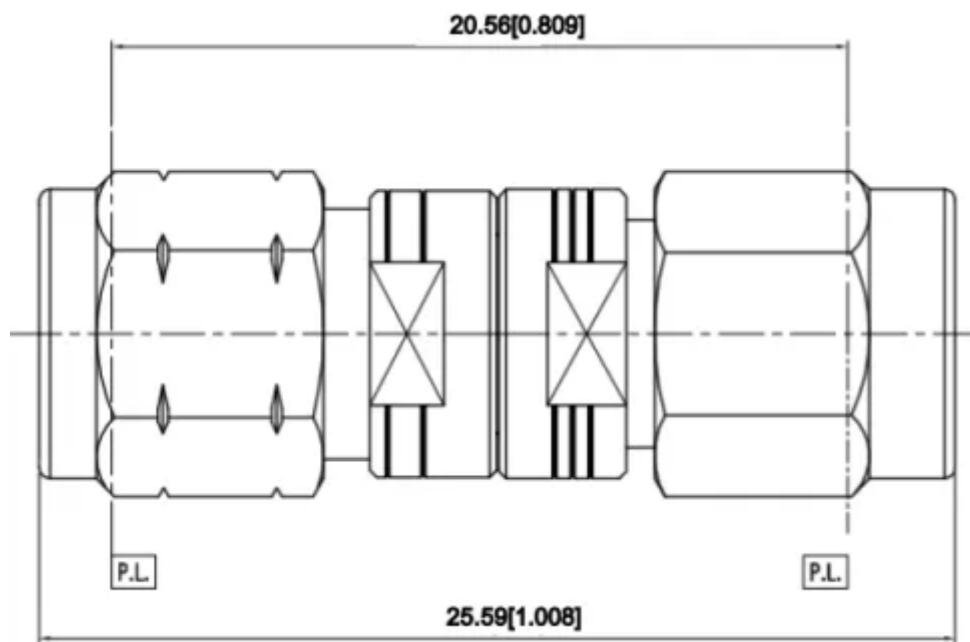
VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	$\leq 1.2:1$	0.35 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:	6.4 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



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