

Huang Liang 1.85 mm Female to 3.5 mm Female Adapter

SKU: ACC-HL-00015

MPN: ADU1-VF1-35F1

Description

The Huang Liang ADU1-VF1-35F1 Adapter is a high-quality $50\ \Omega$ coaxial RF adapter. It features a 1.85 mm Female interface compatible with 1.85 mm Male and 2.4 mm Male interfaces, and a 3.5 mm Female interface compatible with 3.5 mm Male and SMA Male interfaces. Both interfaces have a Straight body shape with a Free Hanging mounting mechanism.

This adapter operates within a frequency range of 0 GHz to 34 GHz and is constructed from Stainless Steel (303) with a Passivated finish. The inner contacts are made of Beryllium Copper with Gold plating, ensuring excellent conductivity and durability. It is designed to perform in temperatures ranging from $-40\text{ }^{\circ}\text{C}$ to $105\text{ }^{\circ}\text{C}$.

Manufactured in Taiwan by Huang Liang, a company with over 30 years of expertise in RF technology, the adapter meets ISO 9001 Quality Management standards and complies with RoHS regulations. Huang Liang provides reliable solutions across military, telecommunications, and aerospace...

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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 Female	Straight	Free Hanging
3.5 mm Female	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:	$\geq 250 \text{ Vrms}$	Insulation Resistance:	$\geq 3000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

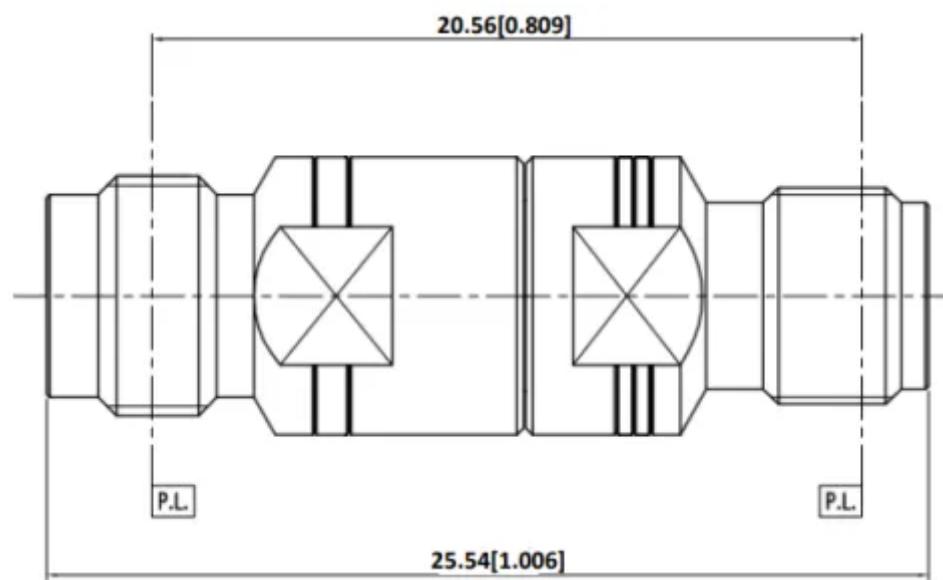
VSWR Measurement

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:	6.8 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



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