

Huang Liang 1.85 mm Female to 3.5 mm Male Adapter

SKU: ACC-HL-00016

MPN: ADU1-VF1-35M1

Description

The Huang Liang 1.85 mm Female to 3.5 mm Male Adapter (Part Number: ADU1-VF1-35M1) is a precision 50 Ω RF coaxial adapter. This adapter features a 1.85 mm Female interface and a 3.5 mm Male interface, both with straight body shapes and free-hanging mounting mechanisms. It is compatible with 1.85 mm Male, 2.4 mm Male, 3.5 mm Female, and SMA Female interfaces.

The adapter operates within a frequency range of 0 GHz to 34 GHz, ensuring reliable performance across a broad spectrum. The housing is constructed from Stainless Steel (303) with a passivated finish for enhanced durability, while the inner contacts are made of Beryllium Copper with Gold plating for superior conductivity. It functions efficiently in temperatures ranging from -40 °C to 105 °C.

Manufactured to comply with ISO 9001 Quality Management standards and RoHS regulations, the adapter guarantees high quality and environmental safety.

Huang Liang, based in Taiwan, is renowned for...

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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 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:	$\geq 250 \text{ Vrms}$	Insulation Resistance:	$\geq 3000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

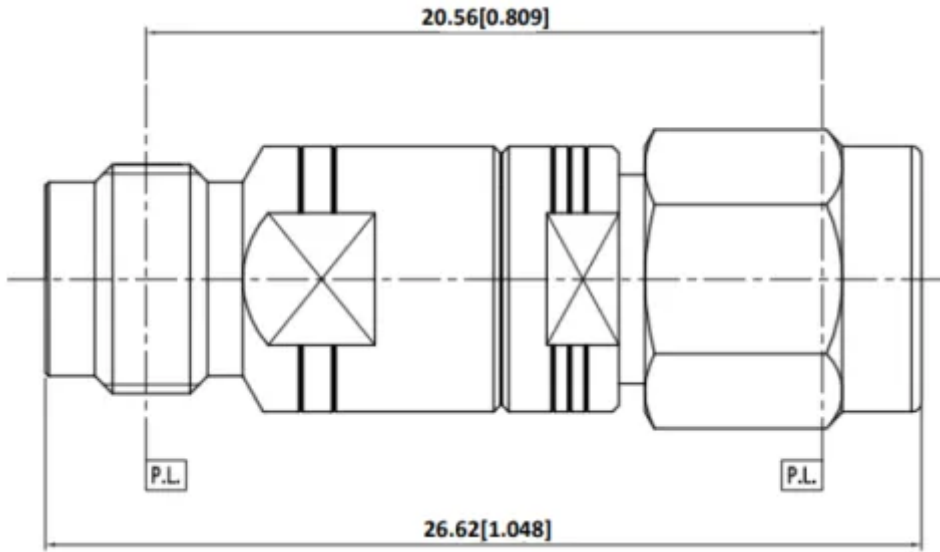
VSWR Measurement

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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