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Huang Liang 3.5 mm Female to 3.5 mm Female Adapter

SKU: ACC-HL-00056
MPN: ADU1-35F1-35F1

Description

The Huang Liang 3.5 mm Female to 3.5 mm Female Adapter (Part Number: ADU1-35F1-35F1) is a high-quality 50 Ω coaxial RF adapter. This adapter features a 3.5 mm female interface on both ends, compatible with 3.5 mm male and SMA male interfaces. It supports a frequency range from 0 GHz to 34 GHz, making it suitable for various high-frequency applications.

Constructed with durable Stainless Steel (303) and a passivated finish, the adapter ensures longevity and reliability. The inner contacts are made of Beryllium Copper with Gold plating for excellent conductivity. It operates efficiently within a temperature range of -40 °C to 105 °C.

Manufactured to ISO 9001 Quality Management standards and compliant with RoHS directives, this adapter meets stringent quality and environmental regulations. Huang Liang, based in Taiwan, brings over 30 years of expertise in RF technology, providing solutions for 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
3.5 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:	≤ 6 mΩ
RF Operating Voltage:	≥ 250 Vrms	Insulation Resistance:	≥ 3000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

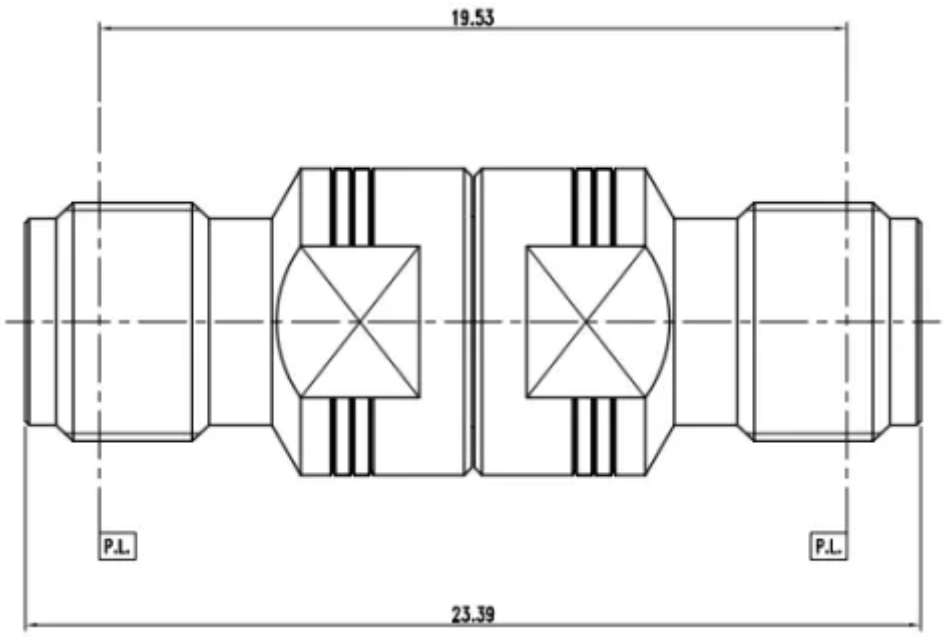
VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	≤ 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:	4.9 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management , RoHS	Mating Cycles:	> 500

Drawing



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