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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 Ω 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 °C to 105 °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

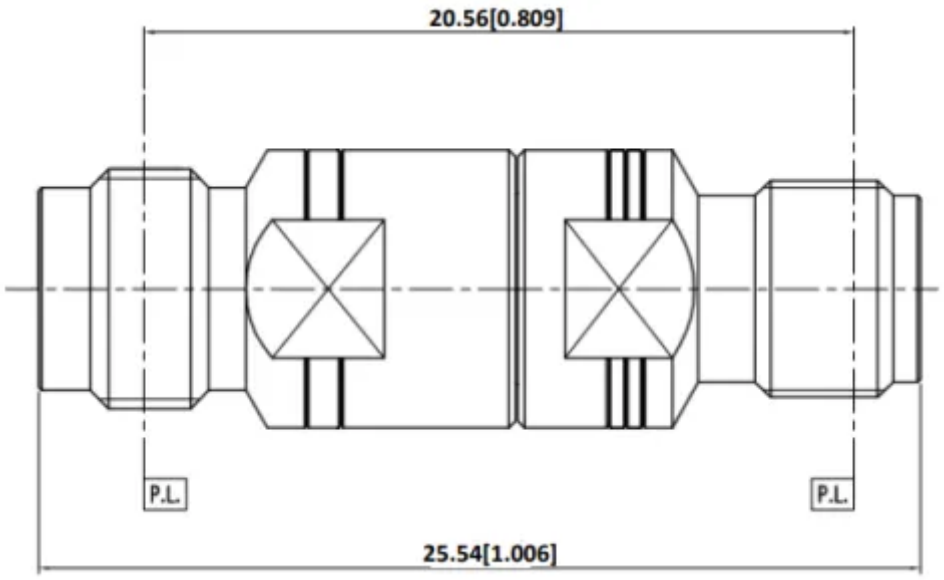
Start Frequency
0 GHz
Stop Frequency
34 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	≤ 1.2:1	0.35 dB

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Weight
6.8 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Contact Material
Beryllium Copper
Contact Plating
Gold
Min. Operating Temperature
-40 °C
Max. Operating Temperature
105 °C
Mating Cycles
> 500
Drawing
Image



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