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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
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1.85 mm Female	Straight	Free Hanging
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3.5 mm Female	Straight	Free Hanging
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RF Specification

Start Frequency

0 GHz

Stop Frequency

34 GHz

RF Operating Voltage

≥ 250 Vrms

Input Impedance

50 Ω

Inner Contact Resistance

≤ 6 m Ω

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 \(303\)](#)

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

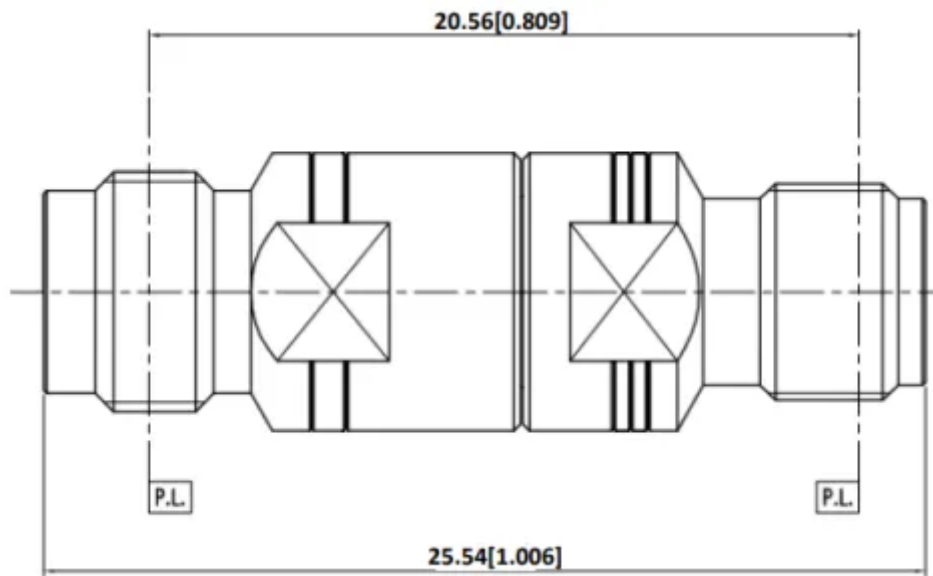
105 °C

Mating Cycles

> 500

Drawing

Image



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