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Huang Liang 2.4 mm Female to 3.5 mm Female Adapter

SKU
ACC-HL-00032
MPN
ADU1-QF1-35F1

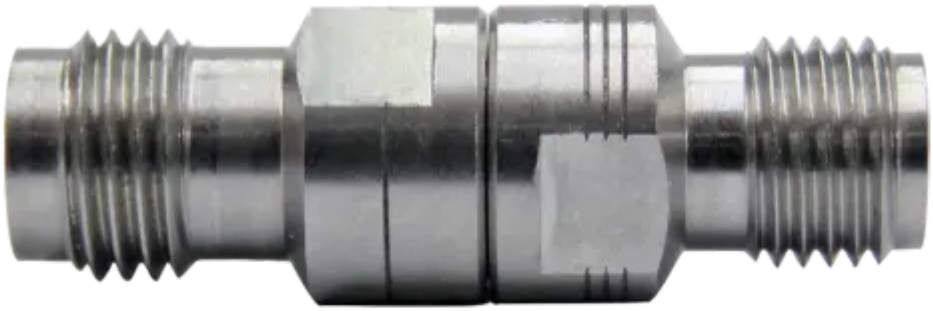
Description

The Huang Liang 2.4 mm Female to 3.5 mm Female Adapter (Part Number: ADU1-QF1-35F1) is a high-quality 50 Ω coaxial RF adapter. Designed for versatility, it features a 2.4 mm female interface and a 3.5 mm female interface, both with straight body shapes and free-hanging mounting mechanisms. These interfaces are compatible with 2.4 mm male, 1.85 mm male, 3.5 mm male, and SMA male connectors.

Operating within a frequency range of 0 GHz to 34 GHz, this adapter ensures reliable performance across a broad spectrum. Constructed from passivated stainless steel (303) and featuring beryllium copper inner contacts with gold plating, it offers durability and excellent conductivity. The adapter functions effectively in temperature ranges from -40 °C to 105 °C.

This product complies with ISO 9001 Quality Management and RoHS standards, guaranteeing superior quality and environmental safety. Ideal for applications in military, telecommunications, and...

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Huang Liang
TECHNOLOGIES CO., LTD.

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
2.4 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

6.6 g

Compliance/Certifications

ISO 9001 Quality Management

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RoHS

Contact Material

Beryllium Copper

Contact Plating

Gold

Min. Operating Temperature

-40 °C

Max. Operating Temperature

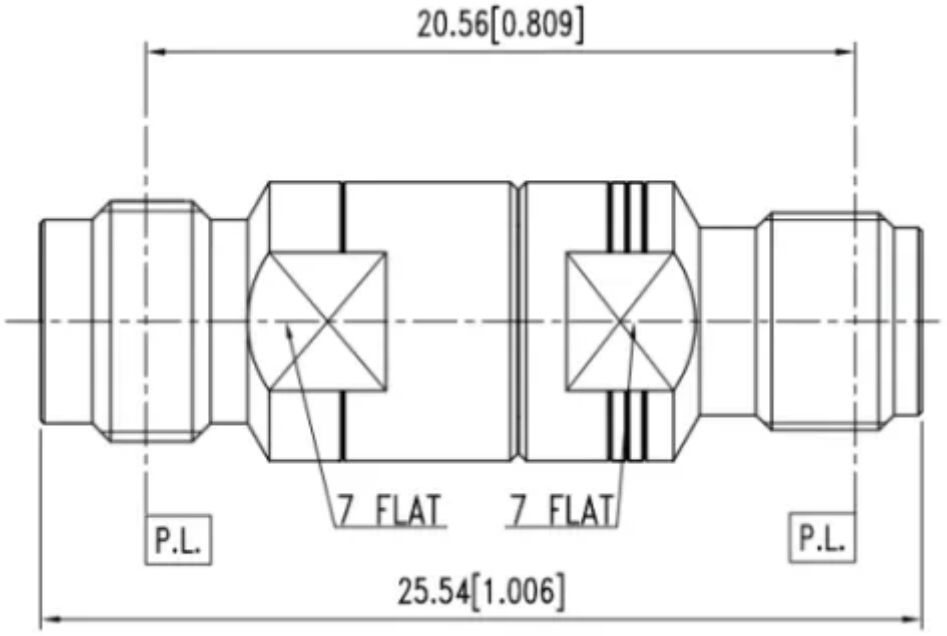
105 °C

Mating Cycles

> 500

Drawing

Image



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