

Page



Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

Huang Liang 2.4 mm Female to 3.5 mm Female Adapter

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

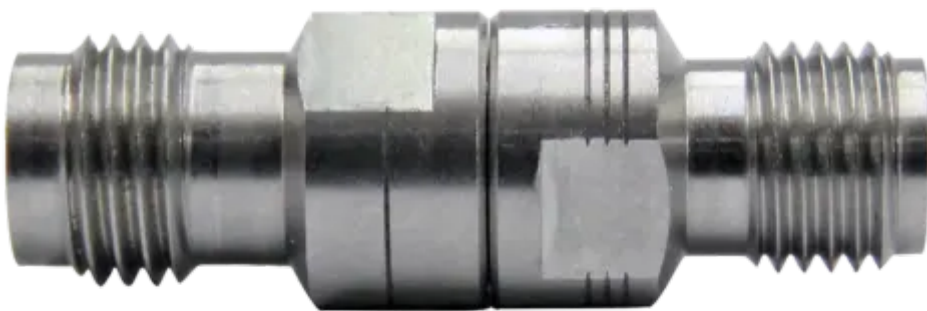
Description

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...

[Read More](#)



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 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

6.6 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

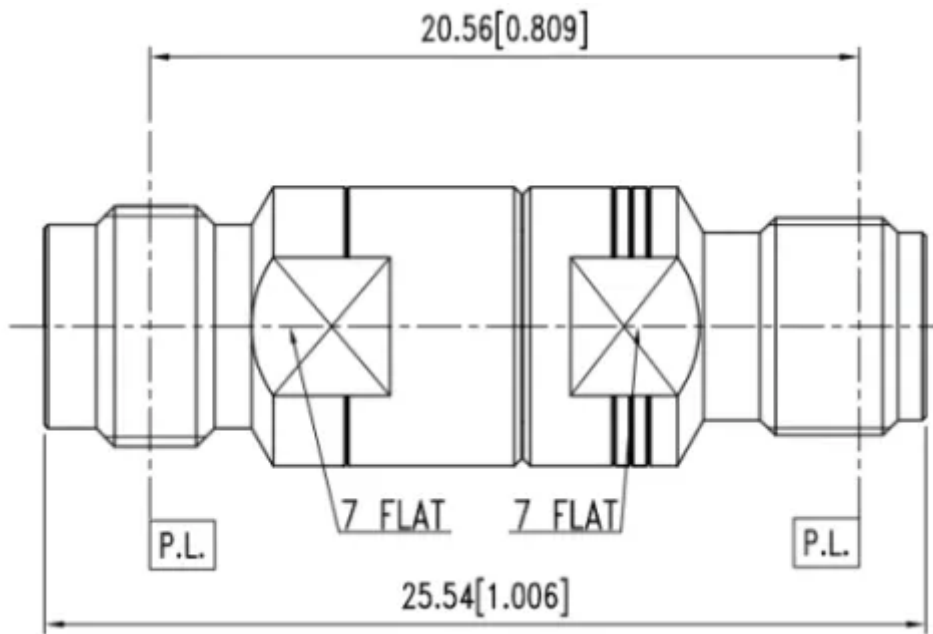
105 °C

Mating Cycles

> 500

Drawing

Image



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

