

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 Male Adapter

SKU
ACC-HL-00033
MPN
ADU1-QF1-35M1

Description

The Huang Liang ADU1-QF1-35M1 Adapter is a high-quality 2.4 mm Female to 3.5 mm Male coaxial RF adapter designed for versatile connectivity. This 50 Ω adapter supports frequencies from 0 GHz to 34 GHz, making it suitable for a wide range of RF applications, including telecommunications, military, and aerospace industries.

Featuring a straight body shape and a free-hanging mounting mechanism, this adapter ensures compatibility with 2.4 mm Male, 1.85 mm Male, 3.5 mm Female, and SMA Female interfaces. Constructed from durable Stainless Steel (303) with a passivated finish, it offers excellent resistance to corrosion. The inner contacts are made from Beryllium Copper and are gold-plated for superior conductivity.

Engineered to operate in temperatures ranging from -40 °C to 105 °C, the ADU1-QF1-35M1 adapter is built to withstand harsh environmental conditions.

Manufactured in compliance with ISO 9001 Quality Management standards and RoHS...

[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 Male](#) [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](#)

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

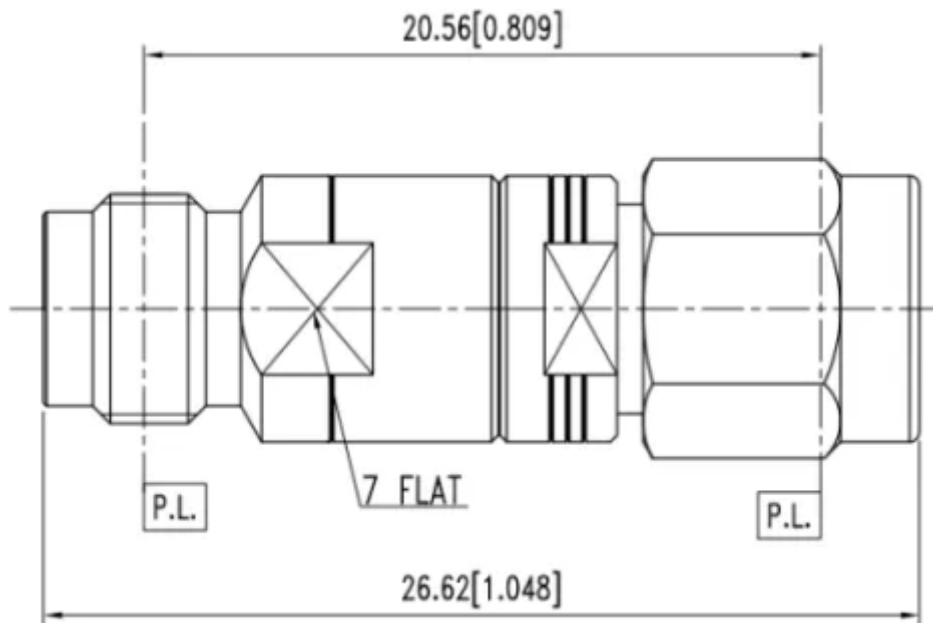
105 °C

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.

