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## **Huang Liang 2.4 mm Female to SMA Female Adapter**

SKU  
ACC-HL-00030  
MPN  
ADU1-QF1-SMF1

### **Description**

The Huang Liang 2.4 mm Female to SMA Female Adapter (Part Number: ADU1-QF1-SMF1) is a high-quality 50  $\Omega$  coaxial RF adapter designed for seamless connectivity between 2.4 mm and SMA interfaces. This adapter features a straight body with a free-hanging mounting mechanism, making it compatible with 2.4 mm Male, 1.85 mm Male, and SMA Male connectors. It supports an operating frequency range from 0 GHz to 26.5 GHz.

Constructed from Stainless Steel (303) with a passivated finish, the adapter ensures durability and corrosion resistance. The inner contacts are made of Beryllium Copper with gold plating, offering excellent conductivity and signal integrity. It operates effectively within a temperature range of -65 °C to 150 °C.

The adapter complies with ISO 9001 Quality Management standards and is RoHS compliant, ensuring reliability and environmental safety. Huang Liang, a Taiwanese manufacturer with over 30 years of expertise in RF technology...

[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](#)

[SMA Female](#) [Straight](#) [Free Hanging](#)

## RF Specification

Start Frequency

0 GHz

Stop Frequency

26.5 GHz

RF Operating Voltage

$\geq 350$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 6$  m $\Omega$

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

Outer Contact Resistance

$\leq 2 \text{ m}\Omega$

VSWR Measurement

**Frequency VSWR Insertion Loss**

26500 MHz  $\leq 1.2:1$  0.25 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

-65 °C

Max. Operating Temperature

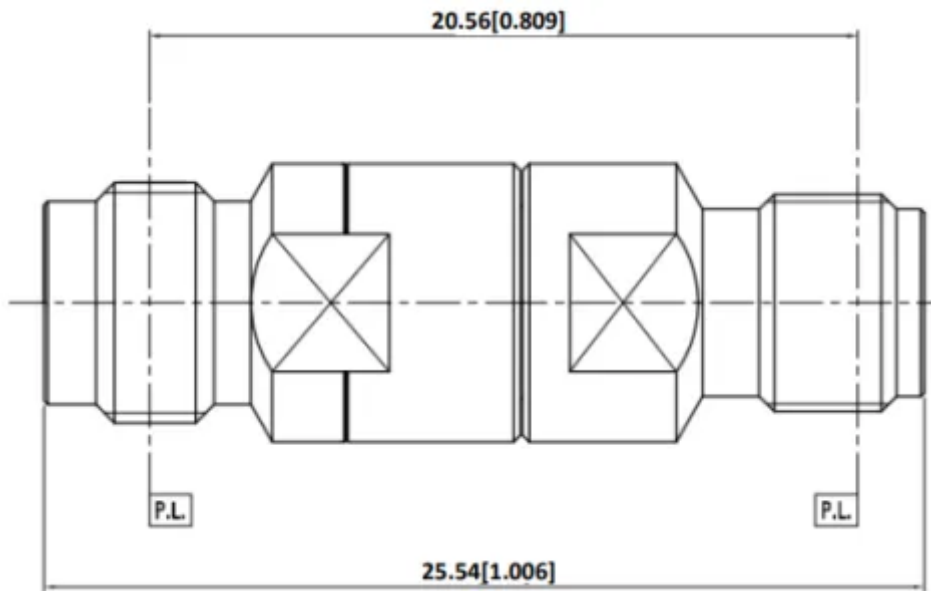
150 °C

Mating Cycles

> 500

Drawing

Image



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