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

SKU  
ACC-HL-00028  
MPN  
ADU2-QM1-QF1

### **Description**

The Huang Liang 2.4 mm Male to 2.4 mm Female Adapter (Part Number: ADU2-QM1-QF1) is a high-quality 50  $\Omega$  coaxial RF adapter. It features a 2.4 mm Male straight body interface, compatible with 2.4 mm Male and 1.85 mm Female connections, and a 2.4 mm Female straight body interface, compatible with 2.4 mm Male and 1.85 mm Male connections. The adapter's operating frequency range is from 0 GHz to 50 GHz, making it suitable for a wide range of RF applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and resistance to corrosion. The inner contacts are made of beryllium copper with gold plating, ensuring reliable and high-performance electrical connections. It operates effectively in temperatures ranging from -40 °C to 105 °C.

Manufactured to ISO 9001 quality management standards and compliant with RoHS directives, this adapter guarantees quality and environmental safety. Huang Liang, based...

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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**

[2.4 mm Male](#)   [Straight](#)   [Free Hanging](#)

[2.4 mm Female](#)   [Straight](#)   [Free Hanging](#)

## RF Specification

Start Frequency

0 GHz

Stop Frequency

50 GHz

RF Operating Voltage

$\geq 250$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 6$  m $\Omega$

Insulation Resistance

$\geq 3000 \text{ m}\Omega$

Outer Contact Resistance

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

VSWR Measurement

**Frequency VSWR Insertion Loss**

50000 MHz  $\leq 1.25:1$  0.42 dB

## Physical Specification

Body Material

[Stainless Steel \(303\)](#)

Body Plating

[Passivated](#)

Insulator Material

[PTFE / Teflon](#)

Weight

7.3 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

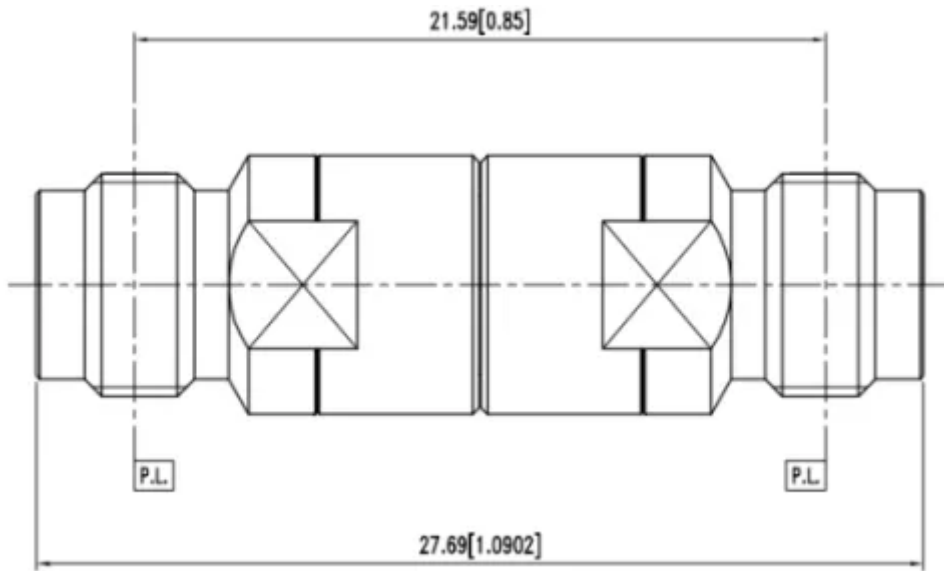
105 °C

Mating Cycles

> 500

Drawing

Image



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