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## **Huang Liang 2.4 mm Male to 2.92 mm Male Adapter**

SKU  
ACC-HL-00027  
MPN  
ADU1-QM1-KM1

### **Description**

The Huang Liang 2.4 mm Male to 2.92 mm Male Adapter (Part Number: ADU1-QM1-KM1) is a high-quality 50  $\Omega$  coaxial RF adapter. It features 2.4 mm Male and 2.92 mm Male interfaces, both with a straight body shape and free-hanging mounting mechanism. The adapter supports a frequency range from 0 GHz to 40 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 corrosion resistance. The inner contacts are made of beryllium copper with gold plating, offering excellent conductivity and signal integrity. It is designed to operate in extreme temperatures, from -65 °C to 150 °C, ensuring reliability in various environments.

The adapter complies with ISO 9001 Quality Management standards and is RoHS compliant, underscoring its commitment to quality and environmental standards. With over 30 years of experience, Huang Liang is a trusted Taiwanese...

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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](#)

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

## **RF Specification**

Start Frequency

0 GHz

Stop Frequency

40 GHz

RF Operating Voltage

$\geq 350$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 3$  m $\Omega$

Insulation Resistance

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

Outer Contact Resistance

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

VSWR Measurement

**Frequency VSWR Insertion Loss**

40000 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

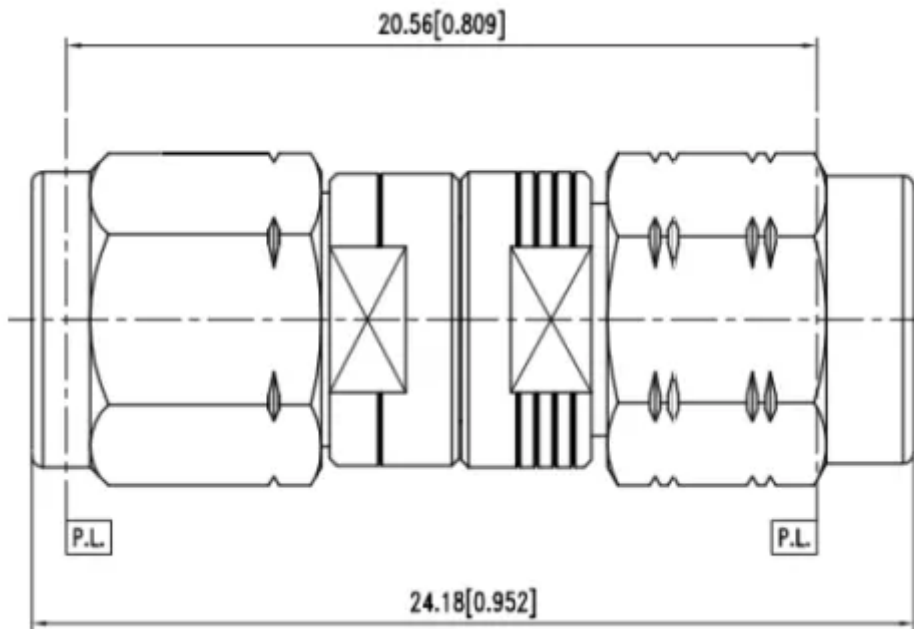
150 °C

Mating Cycles

> 500

Drawing

Image



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