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## **Huang Liang 1.85 mm Male to 2.4 mm Female Adapter**

SKU  
ACC-HL-00009  
MPN  
ADU2-VM1-QF1

### **Description**

The Huang Liang 1.85 mm Male to 2.4 mm Female Adapter (ADU2-VM1-QF1) is a high-performance 50  $\Omega$  coaxial RF adapter. Designed for versatility, it features a 1.85 mm male interface and a 2.4 mm female interface, both with straight bodies and free-hanging mounts. This adapter supports connections with 1.85 mm female, 2.4 mm female, 2.4 mm male, and 1.85 mm male interfaces, offering extensive compatibility.

Operating within a frequency range of 0 GHz to 50 GHz, this adapter ensures reliable performance across a wide spectrum. It is constructed from stainless steel (303) with a passivated finish, providing robust durability. The inner contacts are made of beryllium copper with gold plating, ensuring excellent conductivity and longevity. It functions efficiently in temperatures ranging from -40 °C to 105 °C.

Manufactured in compliance with ISO 9001 Quality Management standards and RoHS directives, this adapter meets rigorous quality and...

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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**

[1.85 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](#)

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

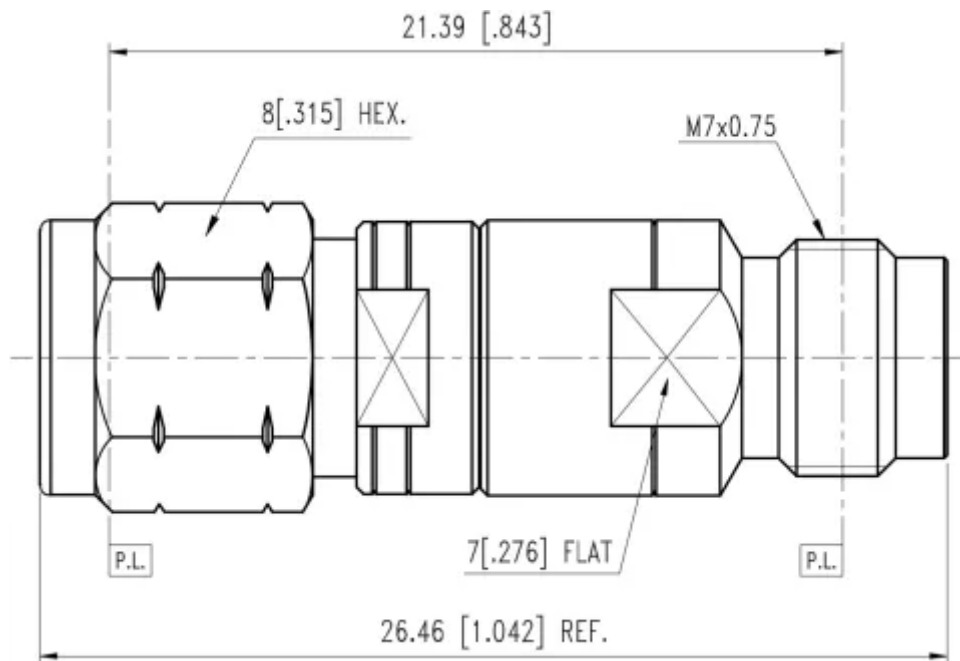
105 °C

Mating Cycles

> 500

Drawing

Image



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