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

SKU  
ACC-HL-00011  
MPN  
ADU2-VM1-VF1

### **Description**

The Huang Liang 1.85 mm Male to 1.85 mm Female Adapter (Part Number: ADU2-VM1-VF1) is a high-quality 50  $\Omega$  coaxial RF adapter. It features a straight body shape and a free-hanging mounting mechanism, compatible with 1.85 mm Female and 2.4 mm Female interfaces. The adapter operates within a frequency range of 0 GHz to 65 GHz, providing reliable performance across a wide spectrum.

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, enhancing conductivity and signal integrity. It operates efficiently in temperatures ranging from -40 °C to 105 °C, making it suitable for various environmental conditions.

Certified to ISO 9001 Quality Management standards and RoHS compliant, this adapter guarantees high-quality manufacturing and adherence to environmental regulations. Ideal for applications in military...

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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](#)

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

## **RF Specification**

Start Frequency

0 GHz

Stop Frequency

65 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**

65000 MHz  $\leq 1.25:1$  0.48 dB

## Physical Specification

Body Material

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

Body Plating

[Passivated](#)

Insulator Material

[PTFE / Teflon](#)

Weight

6.3 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

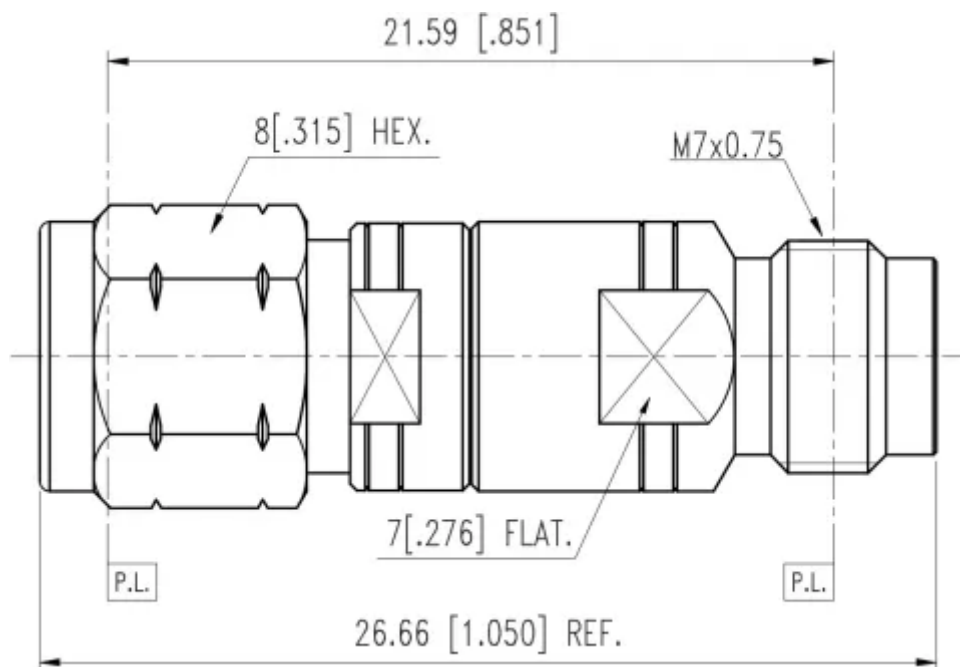
105 °C

Mating Cycles

> 500

Drawing

Image



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