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# Huang Liang 2.92 mm Male to 2.92 mm Male Adapter

SKU
ACC-HL-00042
MPN
ADU1-KM1-KM1

**Description**

The Huang Liang 2.92 mm Male to 2.92 mm Male Adapter (Part Number: ADU1-KM1-KM1) is a high-quality, 50 Ω coaxial RF adapter. This adapter features dual 2.92 mm male interfaces with straight body shapes and free-hanging mounting, compatible with 2.92 mm female interfaces. Operating within a frequency range of 0 GHz to 40 GHz, it is constructed from Stainless Steel (303) with a passivated finish for durability. The inner contacts are made of Beryllium Copper plated with gold, ensuring excellent conductivity.

This adapter is designed to perform in extreme environments, with an operational temperature range from -65 °C to 150 °C. It meets ISO 9001 Quality Management standards and is RoHS compliant, ensuring both quality and environmental safety.

Huang Liang, a Taiwanese manufacturer, specialises in precision coaxial connectors, adapters, and cable assemblies, serving industries like military, telecommunications, and aerospace. With over 30...

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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 |
|---|---|---|
| 2.92 mm Male | Straight | Free Hanging |
| 2.92 mm Male | Straight | Free Hanging |

# RF Specification

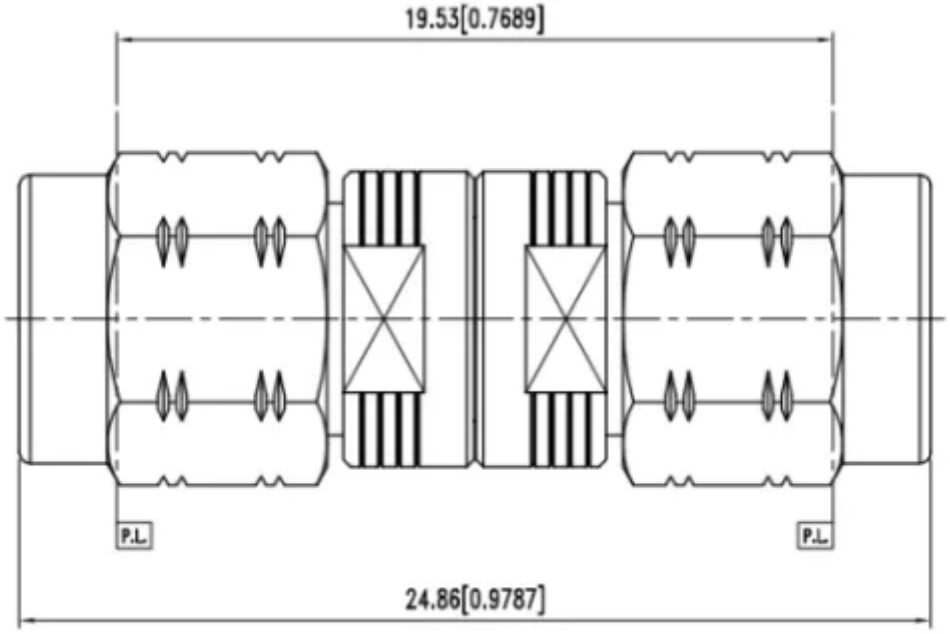
Start Frequency
0 GHz
Stop Frequency
40 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 3 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
| --- | --- | --- |
| 40000 MHz | ≤ 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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