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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 m Ω

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

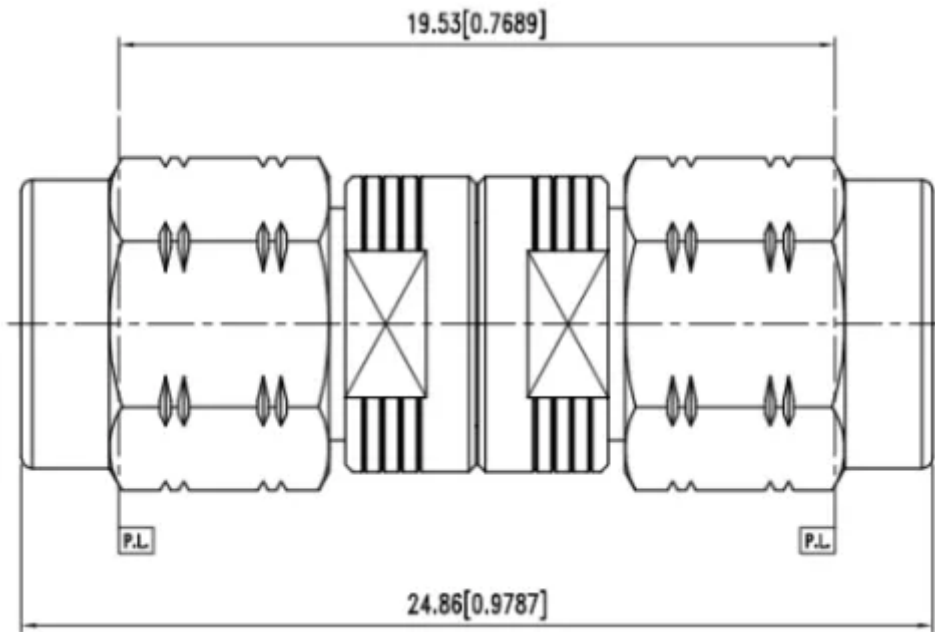
150 °C

Mating Cycles

> 500

Drawing

Image



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