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Huang Liang 1.85 mm Male to 2.92 mm Male Adapter

SKU
ACC-HL-00008
MPN
ADU1-VM1-KM1

Description

The Huang Liang ADU1-VM1-KM1 is a high-quality 50 Ω coaxial RF adapter with a 1.85 mm Male to 2.92 mm Male interface. It supports connections with 1.85 mm and 2.4 mm Female interfaces on one side and 2.92 mm Female interfaces on the other. The adapter operates across a frequency range of 0 GHz to 40 GHz, making it suitable for a variety of high-frequency applications.

Constructed from Stainless Steel (303) with a passivated finish, this adapter ensures durability and corrosion resistance. The inner contacts are crafted from Beryllium Copper and finished with gold plating, providing excellent conductivity and signal integrity. It is designed to operate in temperatures ranging from -40 °C to 105 °C, making it versatile for different environments.

Manufactured in compliance with ISO 9001 quality standards and RoHS, the Huang Liang ADU1-VM1-KM1 guarantees reliability and adherence to international safety norms. With over 30 years in the RF...

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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](#)

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

RF Specification

Start Frequency

0 GHz

Stop Frequency

40 GHz

RF Operating Voltage

≥ 250 Vrms

Input Impedance

50 Ω

Inner Contact Resistance

≤ 6 m Ω

Insulation Resistance

$\geq 3000 \text{ m}\Omega$

Outer Contact Resistance

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

VSWR Measurement

Frequency VSWR Insertion Loss

40000 MHz $\leq 1.2:1$ 0.38 dB

Physical Specification

Body Material

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

Body Plating

[Passivated](#)

Insulator Material

[PTFE / Teflon](#)

Weight

5.5 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

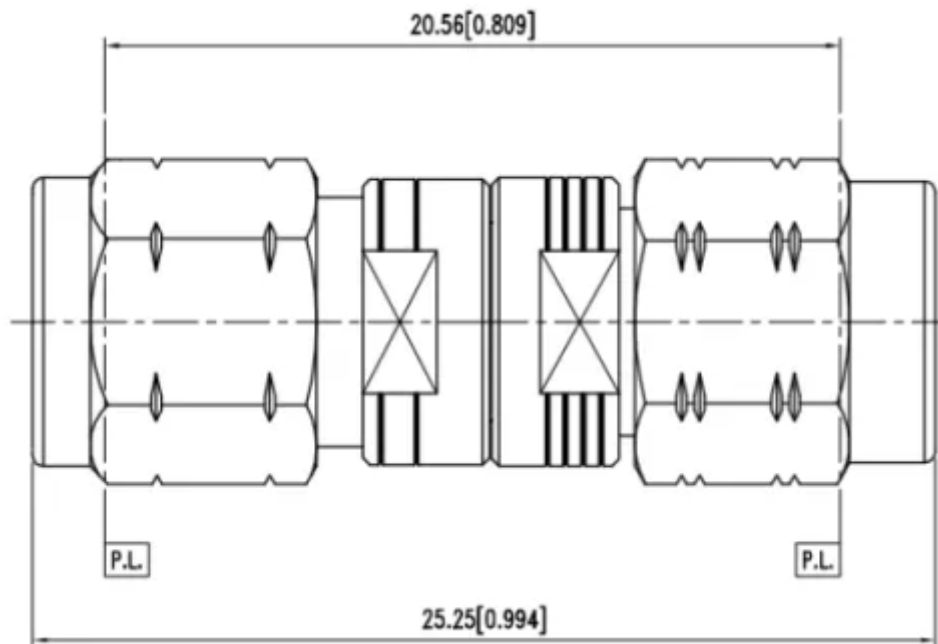
105 °C

Mating Cycles

> 500

Drawing

Image



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