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Huang Liang 1.85 mm Female to 2.92 mm Female Adapter

SKU
ACC-HL-00017
MPN
ADU1-VF1-KF1

Description

The Huang Liang ADU1-VF1-KF1 Adapter is a 50 Ω coaxial RF adapter featuring a 1.85 mm female to 2.92 mm female interface. Designed for precision and versatility, the adapter supports frequencies from 0 GHz to 40 GHz and operates effectively within temperatures ranging from -40 °C to 105 °C.

Constructed from passivated stainless steel (303) and featuring gold-plated beryllium copper contacts, the adapter ensures durability and optimal signal integrity. Its free-hanging, straight body design facilitates seamless connections with compatible 1.85 mm, 2.4 mm, and 2.92 mm male interfaces.

Manufactured in Taiwan by Huang Liang, a company with over 30 years of expertise in RF technology, the adapter meets ISO 9001 quality standards and complies with RoHS regulations. This high-quality component is suitable for applications in military, telecommunications, and aerospace industries.



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 Female Straight](#) [Free Hanging](#)

[2.92 mm Female 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

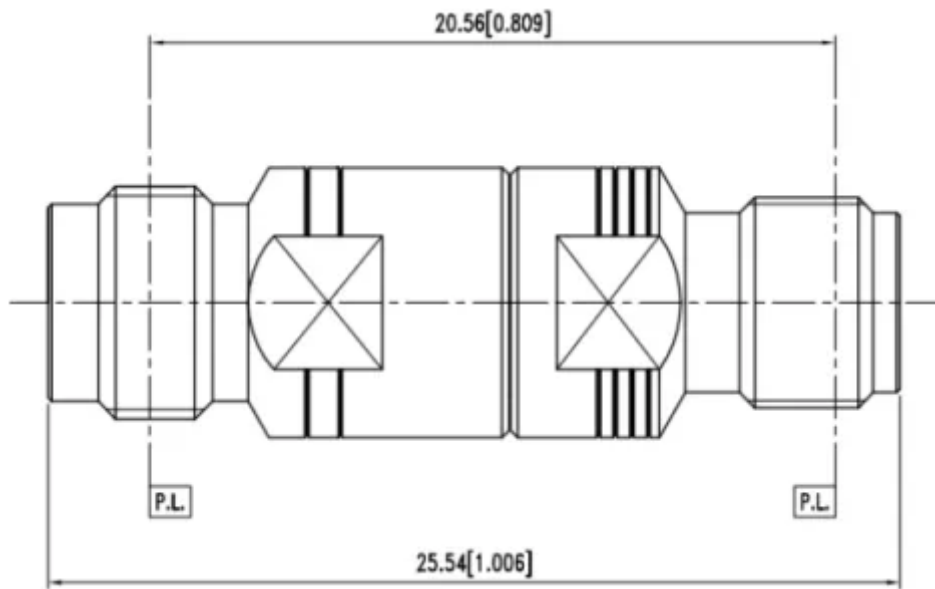
105 °C

Mating Cycles

> 500

Drawing

Image



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