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Huang Liang 1.85 mm Female to 2.4 mm Female Adapter

SKU
ACC-HL-00019
MPN
ADU2-VF1-QF1

Description

The Huang Liang 1.85 mm Female to 2.4 mm Female Adapter (Part Number: ADU2-VF1-QF1) is a high-quality, 50 Ω coaxial RF adapter from Taiwan-based Huang Liang. This adapter features a 1.85 mm Female interface and a 2.4 mm Female interface, both with a straight body shape and free-hanging mounting mechanism. It supports 1.85 mm and 2.4 mm Male interfaces, making it versatile for various applications.

Operating within a frequency range of 0 GHz to 50 GHz, this adapter 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 and corrosion resistance. It can function effectively in temperatures ranging from -40 °C to 105 °C.

Compliant with ISO 9001 Quality Management standards and RoHS, the adapter guarantees reliability and safety. Huang Liang, with over 30 years of expertise in RF technology, provides precision coaxial...

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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
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1.85 mm Female	Straight	Free Hanging
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2.4 mm Female	Straight	Free Hanging
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RF Specification

Start Frequency

0 GHz

Stop Frequency

50 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

50000 MHz $\leq 1.25:1$ 0.42 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

-40 °C

Max. Operating Temperature

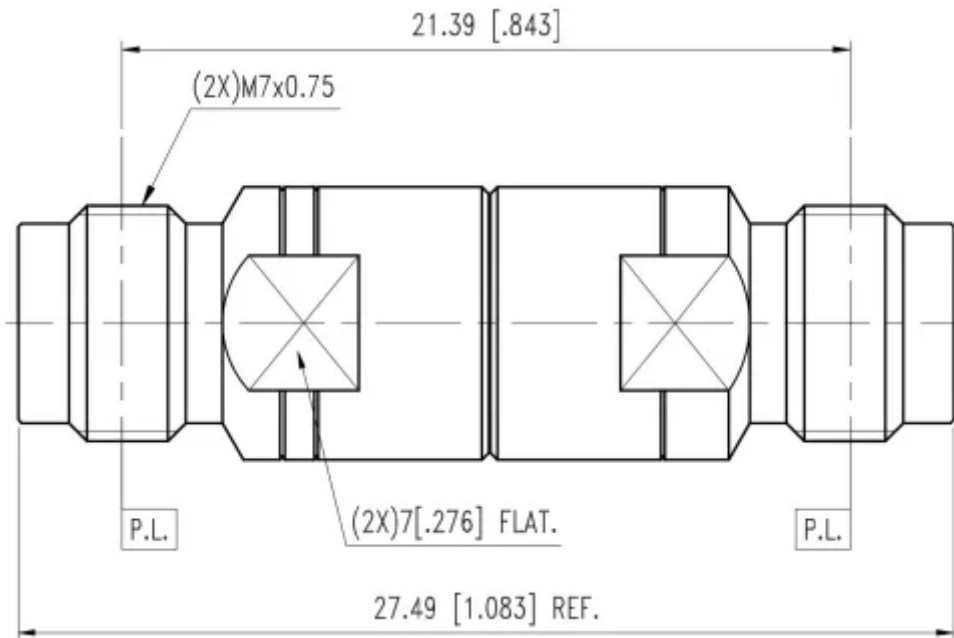
105 °C

Mating Cycles

> 500

Drawing

Image



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