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Huang Liang 2.4 mm Male to 2.4 mm Male Adapter

SKU
ACC-HL-00029
MPN
ADU2-QM1-QM1

Description

The Huang Liang ADU2-QM1-QM1 is a 2.4 mm Male to 2.4 mm Male Adapter designed for high-frequency RF applications, operating from 0 GHz to 50 GHz. This 50 Ω coaxial RF adapter features a straight-body, free-hanging mounting mechanism, compatible with 2.4 mm Male and 1.85 mm Female connectors.

Constructed from Stainless Steel (303) with a passivated finish for durability, the inner contacts are made of Beryllium Copper with Gold plating, ensuring optimal conductivity. It operates efficiently within a temperature range of -40 °C to 105 °C.

Manufactured in compliance with ISO 9001 and RoHS standards, this adapter guarantees high quality and reliability. Huang Liang, a Taiwanese company with over 30 years of experience, is renowned for its precision in coaxial connectors, adapters, and cable assemblies, serving sectors like military, telecommunications, and aerospace.



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
2.4 mm Male	Straight	Free Hanging
2.4 mm Male	Straight	Free Hanging

RF Specification

Start Frequency
0 GHz
Stop Frequency
50 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ

VSWR Measurement

Frequency	VSWR	Insertion Loss
50000 MHz	≤ 1.25:1	0.42 dB

Physical Specification

Body Material

Stainless Steel (303)

Body Plating

Passivated

Insulator Material

PTFE / Teflon

Weight

7 g

Compliance/Certifications

ISO 9001 Quality Management

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RoHS

Contact Material

Beryllium Copper

Contact Plating

Gold

Min. Operating Temperature

-40 °C

Max. Operating Temperature

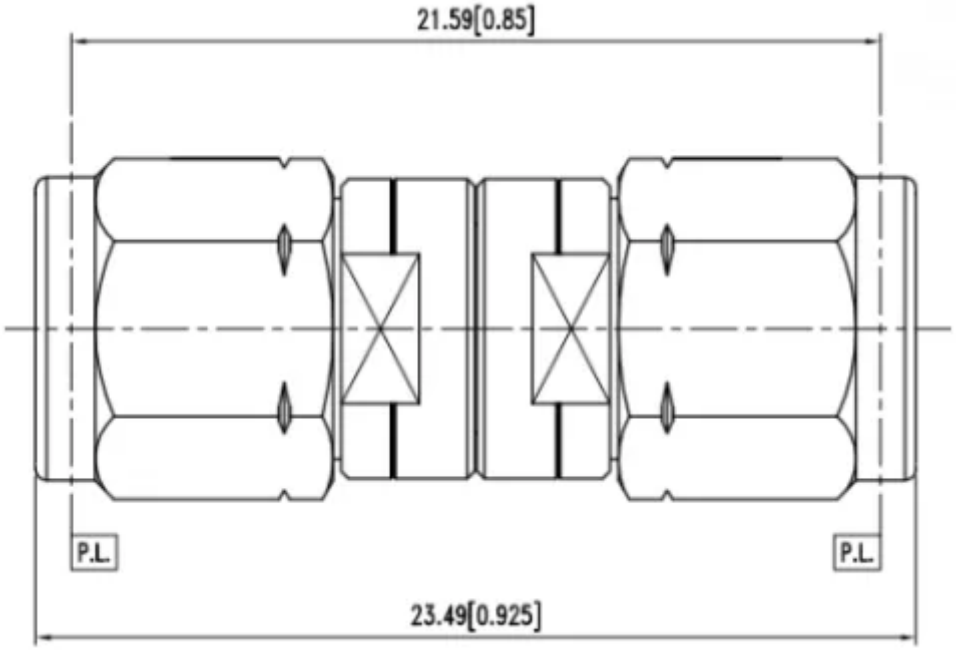
105 °C

Mating Cycles

> 500

Drawing

Image



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