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Huang Liang 1.85 mm Male to 2.4 mm Male Adapter

SKU
ACC-HL-00010
MPN
ADU2-VM1-QM1

Description

The Huang Liang 1.85 mm Male to 2.4 mm Male Adapter (Part Number: ADU2-VM1-QM1) is a high-quality 50 Ω coaxial RF adapter designed for optimal performance in telecommunications, military, and aerospace applications. This adapter features a 1.85 mm Male interface and a 2.4 mm Male interface, both with a straight body shape and free-hanging mounting mechanism, ensuring compatibility with various female and male connectors.

Operating within a wide frequency range of 0 to 50 GHz, this adapter is constructed from durable Stainless Steel (303) with a passivated finish for corrosion resistance. The inner contacts are made of Beryllium Copper with Gold plating, ensuring excellent conductivity and reliability. It performs efficiently in temperatures ranging from -40 °C to 105 °C, making it suitable for diverse environmental conditions.

Huang Liang, a Taiwanese manufacturer with over 30 years of experience, adheres to ISO 9001 Quality Management...

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Huang Liang
TECHNOLOGIES CO., LTD.

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
2.4 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

6.9 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

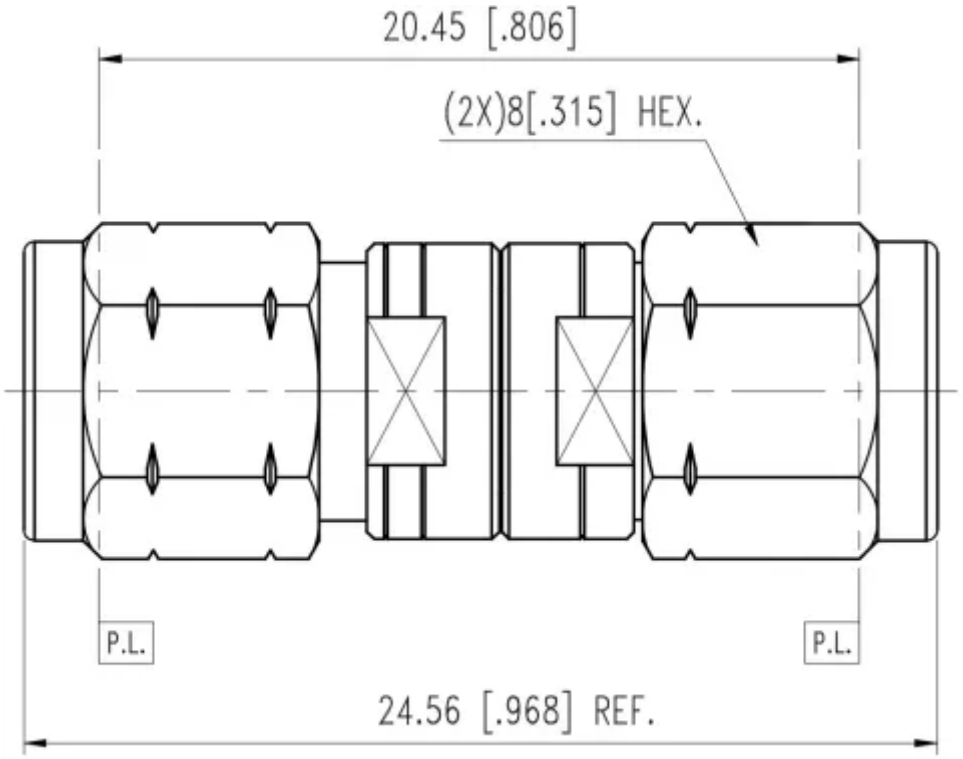
105 °C

Mating Cycles

> 500

Drawing

Image



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