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Huang Liang 1.85 mm Female to 2.4 mm Male Adapter

SKU
ACC-HL-00020
MPN
ADU2-VF1-QM1

Description

The Huang Liang 1.85 mm Female to 2.4 mm Male Adapter (Part Number: ADU2-VF1-QM1) is a high-quality 50 Ω coaxial RF adapter designed for precision connectivity. The adapter features a 1.85 mm Female straight interface and a 2.4 mm Male straight interface, both with free-hanging mounting mechanisms, making it compatible with 1.85 mm Male and 2.4 mm Male connectors.

This adapter operates over a broad frequency range from 0 GHz to 50 GHz, ensuring robust performance in various applications. It is constructed from durable Stainless Steel (303) with a passivated finish, while the inner contacts are made of Beryllium Copper with Gold plating for excellent conductivity and corrosion resistance. The adapter is designed to function reliably in temperatures ranging from -40 °C to 105 °C.

Manufactured in compliance with ISO 9001 Quality Management standards and RoHS regulations, this adapter guarantees high quality and environmental safety. With...

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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 Female	Straight	Free Hanging
2.4 mm Male	Straight	Free Hanging

RF Specification

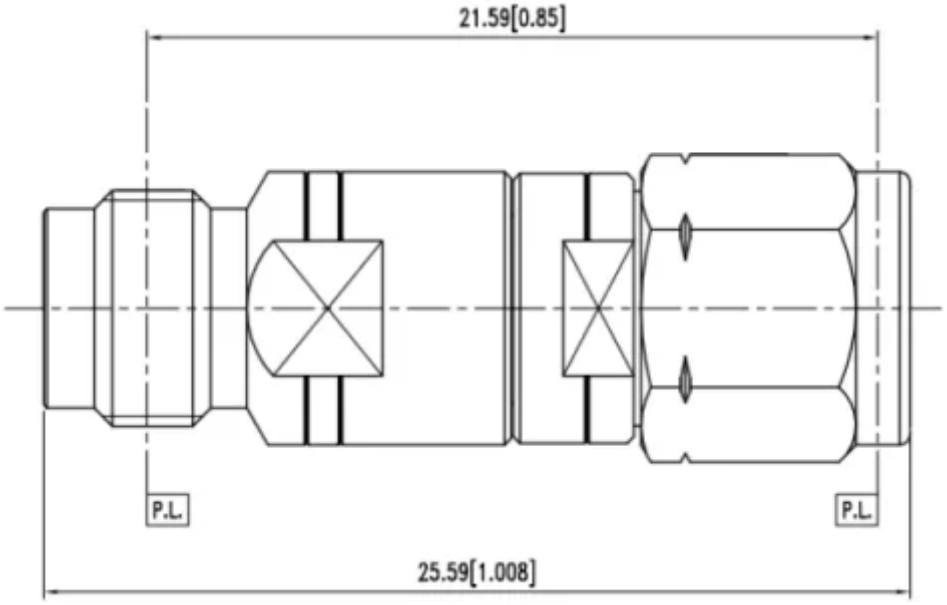
Start Frequency
0 GHz
Stop Frequency
50 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 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
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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