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Huang Liang 2.4 mm Male to 2.92 mm Male Adapter

SKU
ACC-HL-00027
MPN
ADU1-QM1-KM1

Description

The Huang Liang 2.4 mm Male to 2.92 mm Male Adapter (Part Number: ADU1-QM1-KM1) is a high-quality 50 Ω coaxial RF adapter. It features 2.4 mm Male and 2.92 mm Male interfaces, both with a straight body shape and free-hanging mounting mechanism. The adapter supports a frequency range from 0 GHz to 40 GHz, making it suitable for a wide range of RF applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and corrosion resistance. The inner contacts are made of beryllium copper with gold plating, offering excellent conductivity and signal integrity. It is designed to operate in extreme temperatures, from -65 °C to 150 °C, ensuring reliability in various environments.

The adapter complies with ISO 9001 Quality Management standards and is RoHS compliant, underscoring its commitment to quality and environmental standards. With over 30 years of experience, Huang Liang is a trusted Taiwanese...

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

RF Specification

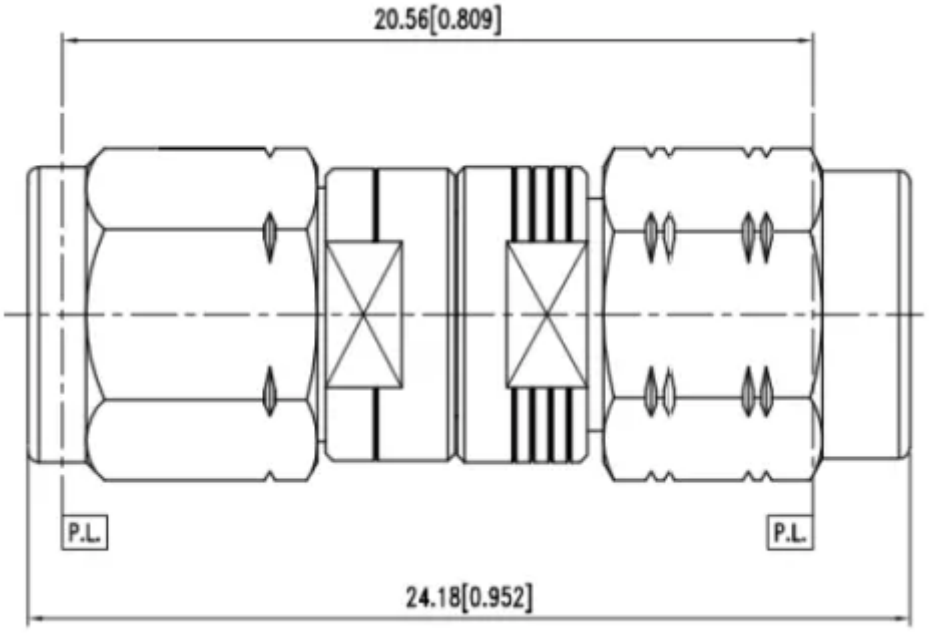
Start Frequency
0 GHz
Stop Frequency
40 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 3 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
40000 MHz	≤ 1.2:1	0.25 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
-65 °C
Max. Operating Temperature
150 °C
Mating Cycles
> 500
Drawing
Image



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