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Huang Liang 2.4 mm Female to 2.92 mm Male Adapter

SKU
ACC-HL-00035
MPN
ADU1-QF1-KM1

Description

The Huang Liang 2.4 mm Female to 2.92 mm Male Adapter (Part Number: ADU1-QF1-KM1) is a high-quality 50 Ω coaxial RF adapter. It features a 2.4 mm Female interface that is straight and free-hanging, compatible with 2.4 mm Male and 1.85 mm Male interfaces. The 2.92 mm Male interface is also straight and free-hanging, compatible with 2.92 mm Female interfaces.

This adapter operates across a frequency range of 0 GHz to 40 GHz, making it versatile for various applications. Constructed from Stainless Steel (303) with a passivated finish, it ensures durability and resistance to corrosion. The inner contacts are made from Beryllium Copper with Gold plating, enhancing signal integrity and performance.

It is designed to operate in temperature ranges from -40 °C to 105 °C, suitable for harsh environments. The product complies with ISO 9001 Quality Management standards and RoHS regulations, ensuring high quality and environmental safety.

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

RF Specification

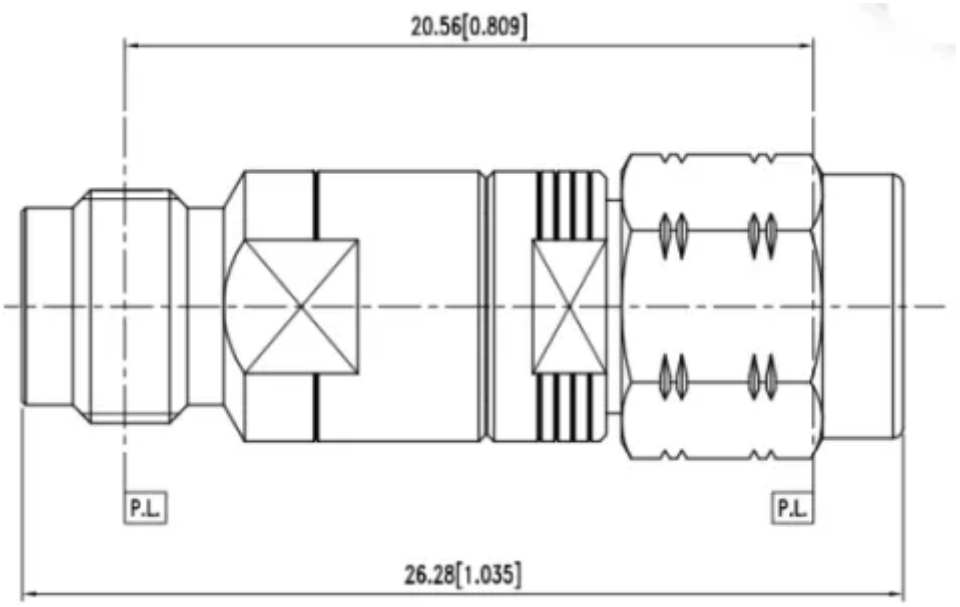
Start Frequency
0 GHz
Stop Frequency
40 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 3 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 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
Weight
7.7 g
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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