

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 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	Input Impedance:	50
Stop Frequency:	40 GHz	Inner Contact Resistance:	$\leq 3 \text{ m}\Omega$
RF Operating Voltage:	$\geq 250 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

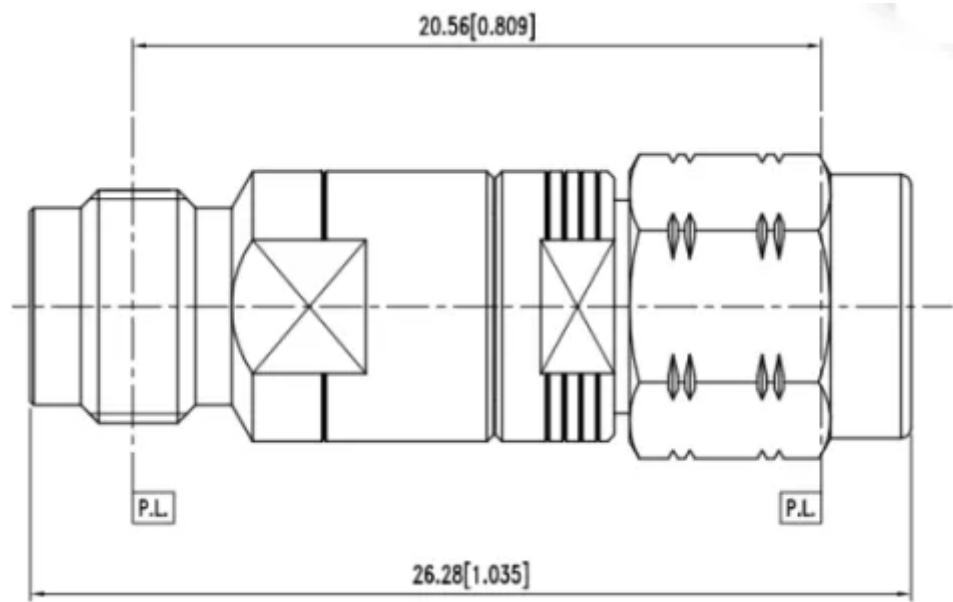
VSWR Measurement

Frequency	VSWR	Insertion Loss
40000 MHz	$\leq 1.2:1$	0.25 dB

Physical Specification

Body Material:	Stainless Steel (303)	Contact Material:	Beryllium Copper
Body Plating:	Passivated	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-40 °C
Weight:	7.7 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



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