

Huang Liang 2.4 mm Male to SMA Male Adapter

SKU: ACC-HL-00023

MPN: ADU1-QM1-SMM1

Description

The Huang Liang 2.4 mm Male to SMA Male Adapter (Part Number: ADU1-QM1-SMM1) is a high-quality 50 Ω coaxial RF adapter. It features a 2.4 mm Male interface with a straight body and free-hanging mounting, compatible with 2.4 mm Male and 1.85 mm Female interfaces. On the other end, it has an SMA Male interface with a straight body and free-hanging mounting, compatible with SMA Female interfaces. The adapter operates within a frequency range of 0 GHz to 26.5 GHz, making it suited for various high-frequency applications.

Constructed from 303 Stainless Steel with a passivated finish, it ensures durability and resistance to corrosion. The inner contacts are made from Beryllium Copper with Gold plating, providing excellent conductivity. The adapter performs reliably in temperature ranges from -65 °C to 150 °C.

This product adheres to ISO 9001 Quality Management standards and is RoHS compliant, ensuring superior quality and 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 Male	Straight	Free Hanging
SMA Male	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	26.5 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 350 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

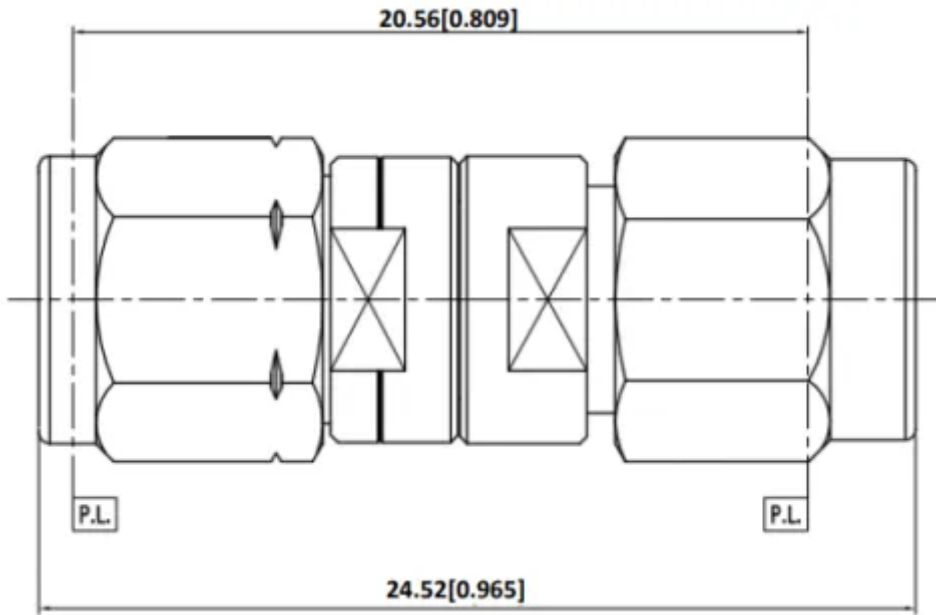
VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 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:	-65 °C
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	150 °C
RoHS		Mating Cycles:	> 500

Drawing



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