

Huang Liang 2.4 mm Male to 3.5 mm Female Adapter

SKU: ACC-HL-00024

MPN: ADU1-QM1-35F1

Description

The Huang Liang ADU1-QM1-35F1 Adapter is a high-quality 50 Ω coaxial RF adapter featuring a 2.4 mm Male to 3.5 mm Female connection. It supports a frequency range from 0 GHz to 34 GHz, making it suitable for various RF applications. The adapter has a straight, free-hanging body compatible with 2.4 mm Male, 1.85 mm Female, 3.5 mm Male, and SMA Male interfaces.

Constructed from 303 stainless steel with a passivated finish, it ensures durability and corrosion resistance. The inner contacts are made of Beryllium Copper with Gold plating, enhancing conductivity and reliability. It operates effectively within a temperature range of -40 °C to 105 °C.

This adapter meets ISO 9001 Quality Management standards and is RoHS compliant, ensuring high manufacturing quality and environmental responsibility. Huang Liang, a Taiwan-based manufacturer with over 30 years of expertise, specialises in precision coaxial connectors, adapters, and cable assemblies...

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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
3.5 mm Female	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	34 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 250 \text{ Vrms}$	Insulation Resistance:	$\geq 3000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

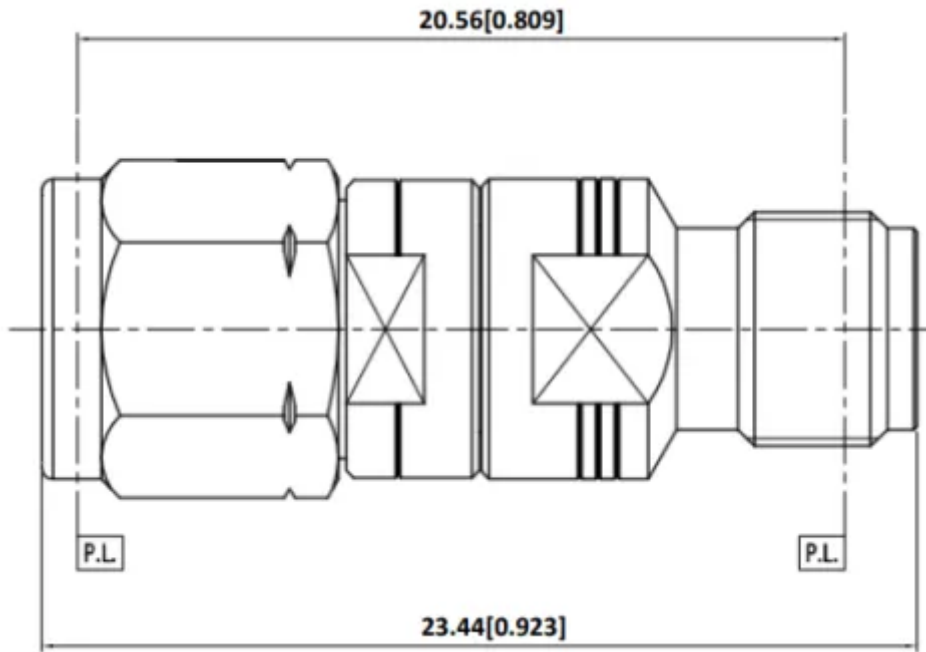
VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	$\leq 1.2:1$	0.35 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:	5.9 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



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