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Huang Liang 2.4 mm Male to 3.5 mm Male Adapter

SKU
ACC-HL-00025
MPN
ADU1-QM1-35M1

Description

The Huang Liang 2.4 mm Male to 3.5 mm Male Adapter (Part Number: ADU1-QM1-35M1) is a 50 Ω coaxial RF adapter designed for high-performance applications. Manufactured in Taiwan, this adapter features a 2.4 mm Male interface with a straight, free-hanging body compatible with 2.4 mm Male and 1.85 mm Female connectors. The 3.5 mm Male interface, also with a straight, free-hanging body, is compatible with 3.5 mm Female and SMA Female connectors.

Operating within a frequency range of 0 GHz to 34 GHz, the adapter ensures reliable performance across a wide spectrum. Constructed from 303 Stainless Steel with a passivated finish, it boasts durability and resistance to corrosion. The inner contacts are made of Beryllium Copper with Gold plating, ensuring excellent conductivity and signal integrity. The adapter functions effectively in temperatures ranging from -40 °C to 105 °C.

Complying with ISO 9001 Quality Management and RoHS standards, this...

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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 Male	Straight	Free Hanging

RF Specification

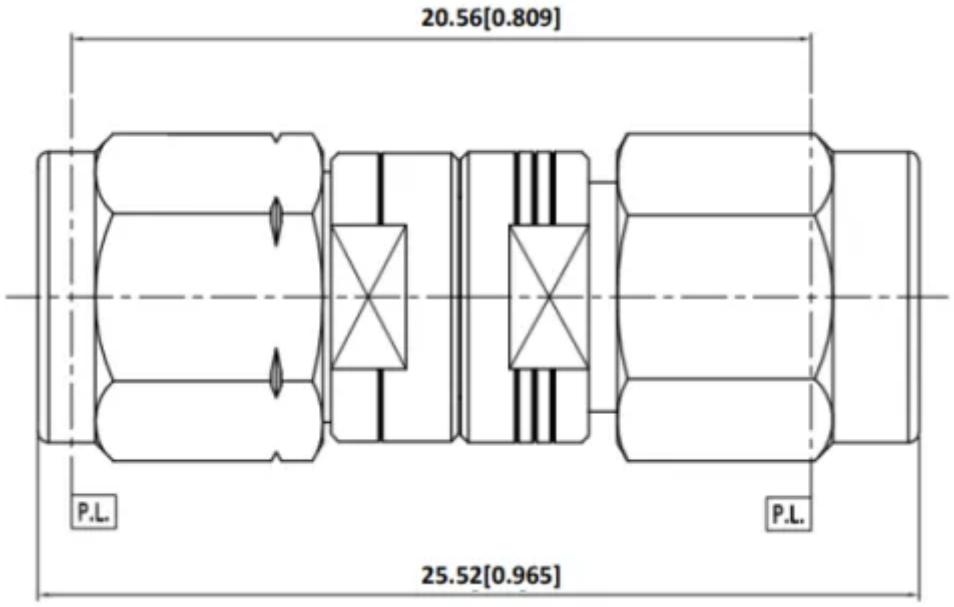
Start Frequency
0 GHz
Stop Frequency
34 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	≤ 1.2:1	0.35 dB

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Weight
6.8 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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