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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

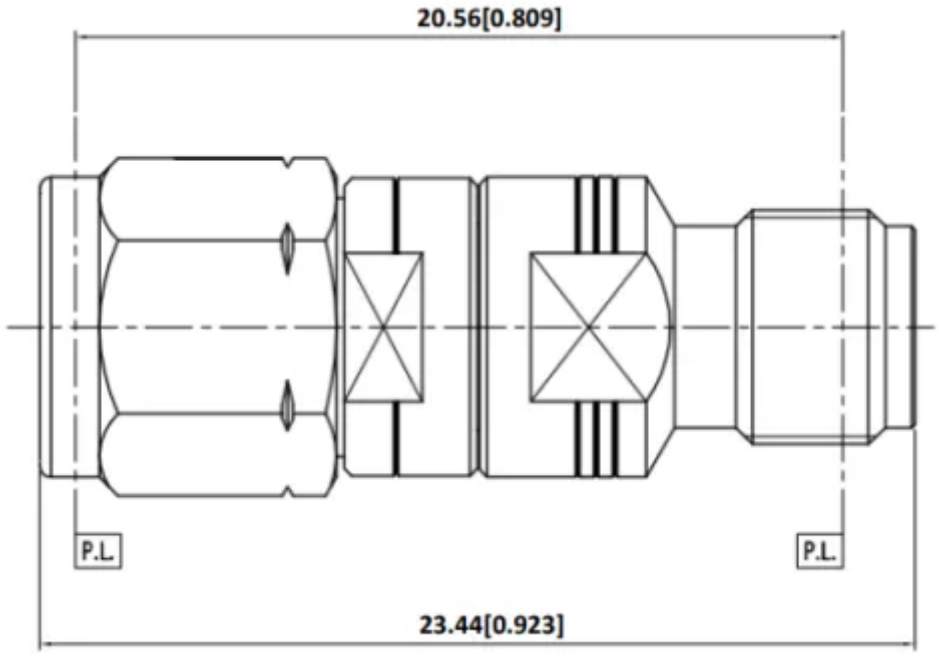
Start Frequency
0 GHz
Stop Frequency
34 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 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
5.9 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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