

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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RF Connector Interface



| RF Interface | Body Shape | Mounting |
|--------------|------------|--------------|
| 2.4 mm Male | Straight | Free Hanging |
| 3.5 mm Male | Straight | Free Hanging |

RF Specification



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 ...

| | | | |
|-----------------------|------------|---------------------------|-----------|
| Start Frequency: | 0 GHz | Input Impedance: | 50 |
| Stop Frequency: | 34 GHz | Inner Contact Resistance: | ≤ 6 mΩ |
| RF Operating Voltage: | ≥ 250 Vrms | Insulation Resistance: | ≥ 3000 mΩ |
| | | Outer Contact Resistance: | ≤ 2 mΩ |

VSWR Measurement

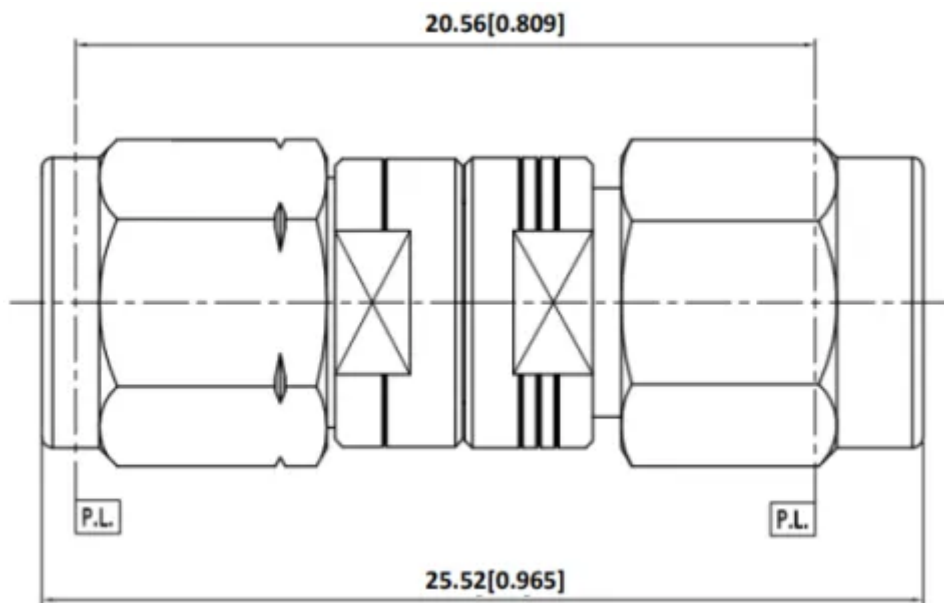
| Frequency | VSWR | Insertion Loss |
|-----------|---------|----------------|
| 34000 MHz | ≤ 1.2:1 | 0.35 dB |

Physical Specification

| | | | |
|----------------------------|-----------------------------|-----------------------------|------------------|
| Body Material: | Stainless Steel (303) | Contact Material: | Beryllium Copper |
| Body Plating: | Passivated | Contact Plating: | Gold |
| Insulator Material: | PTFE / Teflon | Min. Operating Temperature: | -40 °C |
| Weight: | 6.8 g | Max. Operating Temperature: | 105 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Mating Cycles: | > 500 |

RoHS

Drawing



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