

Huang Liang 2.4 mm Male to 2.4 mm Male Adapter

SKU: ACC-HL-00029

MPN: ADU2-QM1-QM1

Description

The Huang Liang ADU2-QM1-QM1 is a 2.4 mm Male to 2.4 mm Male Adapter designed for high-frequency RF applications, operating from 0 GHz to 50 GHz. This 50 Ω coaxial RF adapter features a straight-body, free-hanging mounting mechanism, compatible with 2.4 mm Male and 1.85 mm Female connectors.

Constructed from Stainless Steel (303) with a passivated finish for durability, the inner contacts are made of Beryllium Copper with Gold plating, ensuring optimal conductivity. It operates efficiently within a temperature range of -40 °C to 105 °C.

Manufactured in compliance with ISO 9001 and RoHS standards, this adapter guarantees high quality and reliability. Huang Liang, a Taiwanese company with over 30 years of experience, is renowned for its precision in coaxial connectors, adapters, and cable assemblies, serving sectors like military, telecommunications, and aerospace.



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 |
| 2.4 mm Male | Straight | Free Hanging |

RF Specification

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

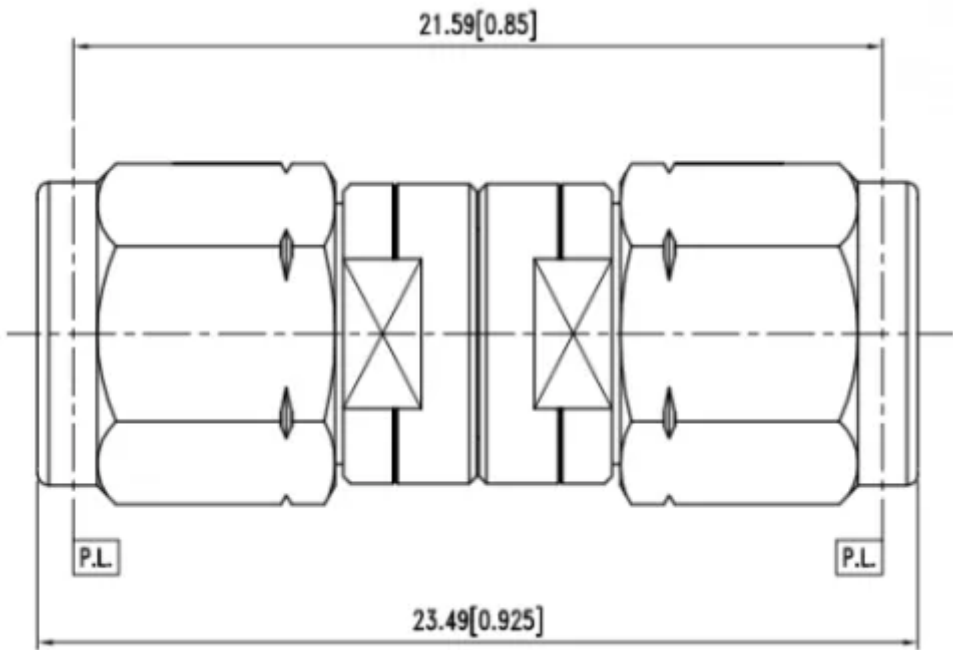
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|-----------|----------|----------------|
| 50000 MHz | ≤ 1.25:1 | 0.42 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: | 7 g | Max. Operating Temperature: | 105 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Mating Cycles: | > 500 |
| RoHS | | | |

Drawing



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