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# Huang Liang 2.4 mm Male to SMA Female Adapter

SKU
ACC-HL-00022
MPN
ADU1-QM1-SMF1

**Description**

The Huang Liang 2.4 mm Male to SMA Female Adapter (Part Number: ADU1-QM1-SMF1) is a high-quality 50 Ω coaxial RF adapter. Featuring a 2.4 mm Male interface compatible with 2.4 mm Male and 1.85 mm Female connections, as well as an SMA Female interface compatible with SMA Male connections, this adapter supports operating frequencies from 0 GHz to 26.5 GHz.

Constructed from Stainless Steel (303) with a passivated finish and Beryllium Copper inner contacts with Gold plating, the adapter is designed for durability and superior signal integrity. It operates within a temperature range of -65 °C to 150 °C.

Compliant with ISO 9001 Quality Management and RoHS standards, this adapter ensures reliability and environmental safety. Ideal for use in military, telecommunications, and aerospace industries, Huang Liang leverages over 30 years of expertise in RF technology to provide high-performance solutions and support.



**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 |
| SMA Female | Straight | Free Hanging |

# RF Specification

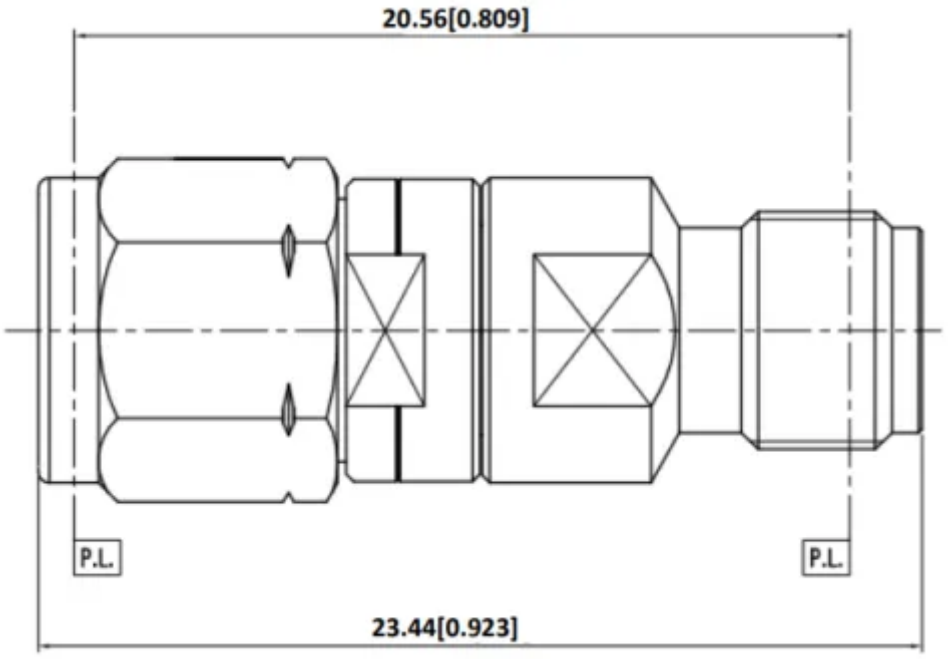
Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
| --- | --- | --- |
| 26500 MHz | ≤ 1.2:1 | 0.25 dB |

# Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Contact Material
Beryllium Copper
Contact Plating
Gold
Min. Operating Temperature
-65 °C
Max. Operating Temperature
150 °C
Mating Cycles
> 500
Drawing
Image




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