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Huang Liang 2.4 mm Male to SMA Male Adapter

SKU
ACC-HL-00023
MPN
ADU1-QM1-SMM1

Description

The Huang Liang 2.4 mm Male to SMA Male Adapter (Part Number: ADU1-QM1-SMM1) is a high-quality 50 Ω coaxial RF adapter. It features a 2.4 mm Male interface with a straight body and free-hanging mounting, compatible with 2.4 mm Male and 1.85 mm Female interfaces. On the other end, it has an SMA Male interface with a straight body and free-hanging mounting, compatible with SMA Female interfaces. The adapter operates within a frequency range of 0 GHz to 26.5 GHz, making it suited for various high-frequency applications.

Constructed from 303 Stainless Steel with a passivated finish, it ensures durability and resistance to corrosion. The inner contacts are made from Beryllium Copper with Gold plating, providing excellent conductivity. The adapter performs reliably in temperature ranges from -65 °C to 150 °C.

This product adheres to ISO 9001 Quality Management standards and is RoHS compliant, ensuring superior quality and safety.

Huang Liang, a...

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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](#)

[SMA Male](#) [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 m Ω

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

Outer Contact Resistance

$\leq 2 \text{ m}\Omega$

VSWR Measurement

Frequency VSWR Insertion Loss

26500 MHz $\leq 1.2:1$ 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

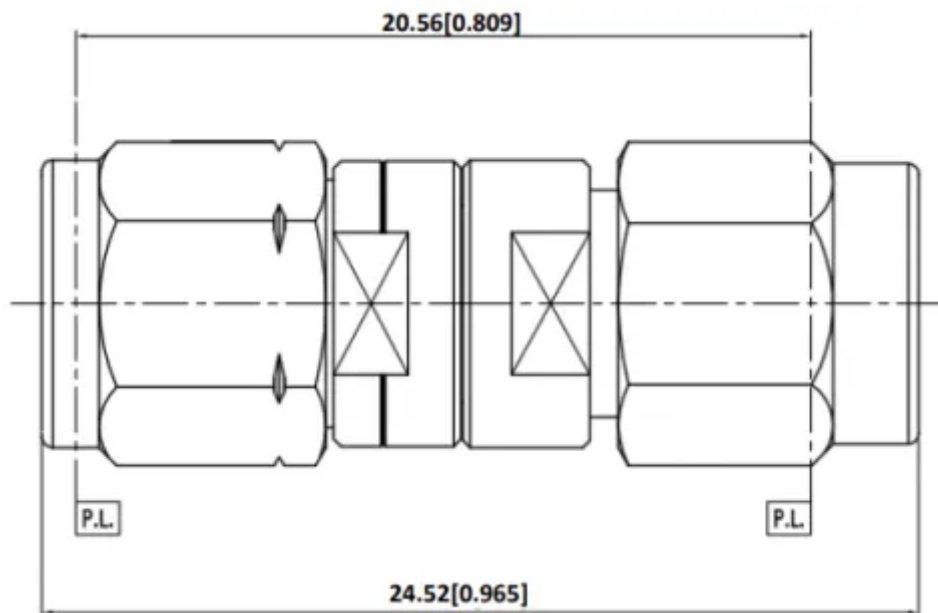
150 °C

Mating Cycles

> 500

Drawing

Image



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