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Huang Liang 2.4 mm Female to SMA Male Adapter

SKU
ACC-HL-00031
MPN
ADU1-QF1-SMM1

Description

The Huang Liang 2.4 mm Female to SMA Male Adapter (ADU1-QF1-SMM1) is a 50 Ω coaxial RF adapter designed for high-frequency applications up to 26.5 GHz. It features a 2.4 mm Female interface compatible with 2.4 mm Male and 1.85 mm Male interfaces and an SMA Male interface compatible with SMA Female interfaces. Both interfaces have a straight body shape and free hanging mounting mechanism.

Constructed from Stainless Steel (303) with a passivated finish, this adapter ensures durability and corrosion resistance. The inner contacts are made from Beryllium Copper with gold plating, providing excellent conductivity and reliability. It operates efficiently in a temperature range of -65 °C to 150 °C.

Manufactured in Taiwan by Huang Liang, a company with over 30 years of experience in RF technology, this adapter complies with ISO 9001 Quality Management and RoHS standards, ensuring high quality and environmental safety. Huang Liang serves various...

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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 Female](#) [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](#)

Weight

8.4 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-65 °C

Max. Operating Temperature

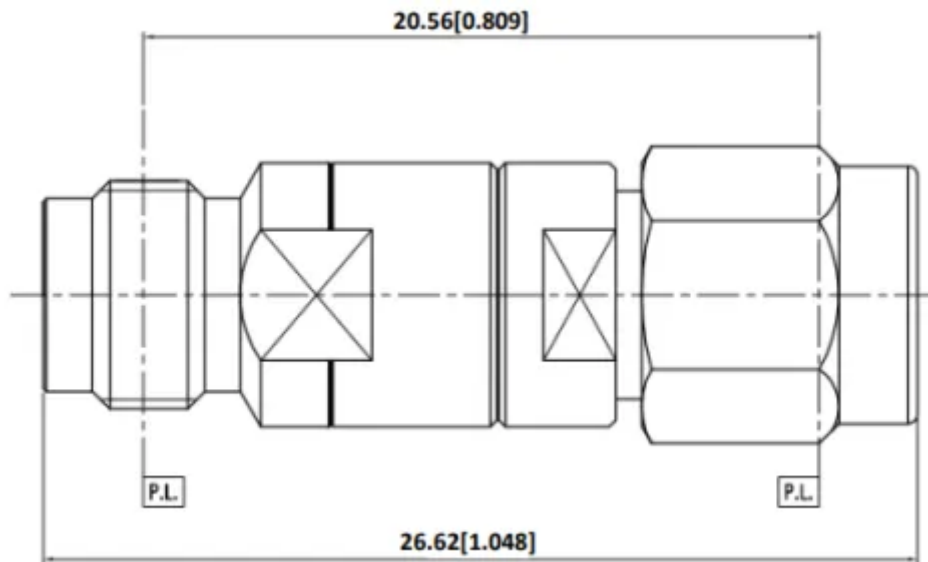
150 °C

Mating Cycles

> 500

Drawing

Image



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