

Page



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Huang Liang 1.85 mm Male to SMA Male Adapter

SKU
ACC-HL-00004
MPN
ADU1-VM1-SMM1

Description

The Huang Liang 1.85 mm Male to SMA Male Adapter (Part Number: ADU1-VM1-SMM1) is a high-quality 50 Ω coaxial RF adapter designed for a wide range of applications. Featuring a 1.85 mm Male interface compatible with 1.85 mm Female and 2.4 mm Female interfaces, and an SMA Male interface compatible with SMA Female interfaces, this adapter supports frequencies from 0 to 26.5 GHz. Constructed from stainless steel (303) with a passivated finish, and featuring gold-plated beryllium copper inner contacts, it ensures durability and reliable performance.

The adapter operates effectively in temperatures ranging from -40 °C to 105 °C. Complying with ISO 9001 Quality Management and RoHS standards, it guarantees high manufacturing quality and environmental compliance.

Huang Liang, a Taiwanese manufacturer with over 30 years of expertise in RF technology, specialises in precision coaxial connectors, adapters, and cable assemblies. They serve 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

[1.85 mm Male Straight](#) [Free Hanging](#)

[SMA Male Straight](#) [Free Hanging](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

26.5 GHz

RF Operating Voltage

≥ 325 Vrms

Input Impedance

50 Ω

Inner Contact Resistance

≤ 6 m Ω

Insulation Resistance

$\geq 3000 \text{ m}\Omega$

Outer Contact Resistance

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

VSWR Measurement

Frequency VSWR Insertion Loss

26500 MHz $\leq 1.2:1$ 0.3 dB

Physical Specification

Body Material

[Stainless Steel \(303\)](#)

Body Plating

[Passivated](#)

Insulator Material

[PTFE / Teflon](#)

Weight

5.4 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

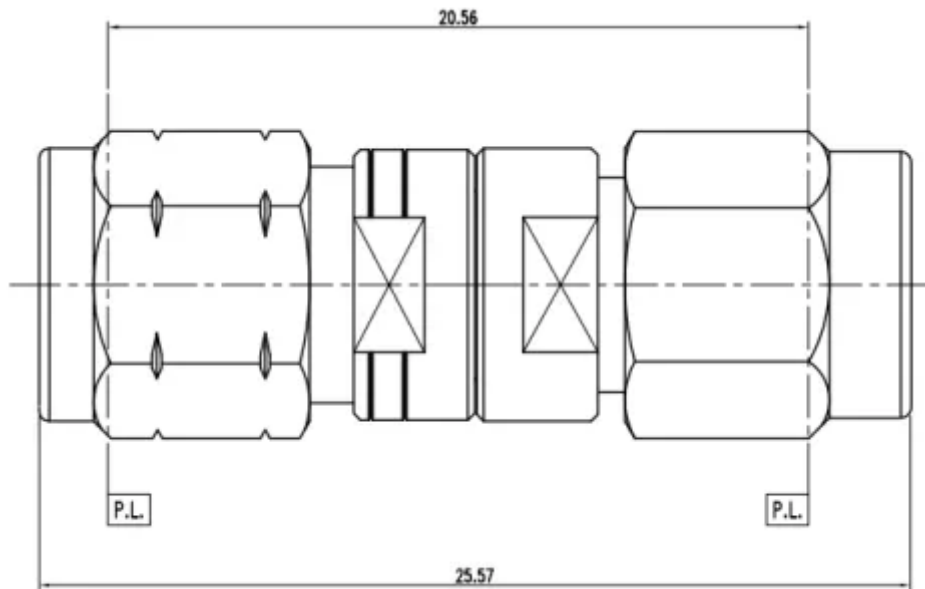
105 °C

Mating Cycles

> 500

Drawing

Image



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