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## **Huang Liang 3.5 mm Male to SMA Female Adapter**

SKU  
ACC-HL-00050  
MPN  
ADU1-35M1-SMF1

### **Description**

The Huang Liang 3.5 mm Male to SMA Female Adapter (Part Number: ADU1-35M1-SMF1) is a high-quality 50  $\Omega$  coaxial RF adapter. This adapter features a 3.5 mm Male straight interface compatible with 3.5 mm Female and SMA Female connectors, and an SMA Female straight interface compatible with SMA Male connectors. It covers a wide frequency range from 0 GHz to 26.5 GHz, making it versatile for various applications.

Constructed from durable Stainless Steel (303) with a passivated finish, the adapter ensures longevity and reliable performance. The inner contacts are made of Beryllium Copper with Gold plating, enhancing signal integrity. It operates efficiently within a temperature range of -40 °C to 105 °C.

This adapter is manufactured to ISO 9001 quality standards and complies with RoHS directives, ensuring exceptional product quality and environmental responsibility. With over 30 years of expertise, Huang Liang delivers robust RF solutions for...

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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**

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

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

## RF Specification

Start Frequency

0 GHz

Stop Frequency

26.5 GHz

RF Operating Voltage

$\geq 350$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 6$  m $\Omega$

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

6.3 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

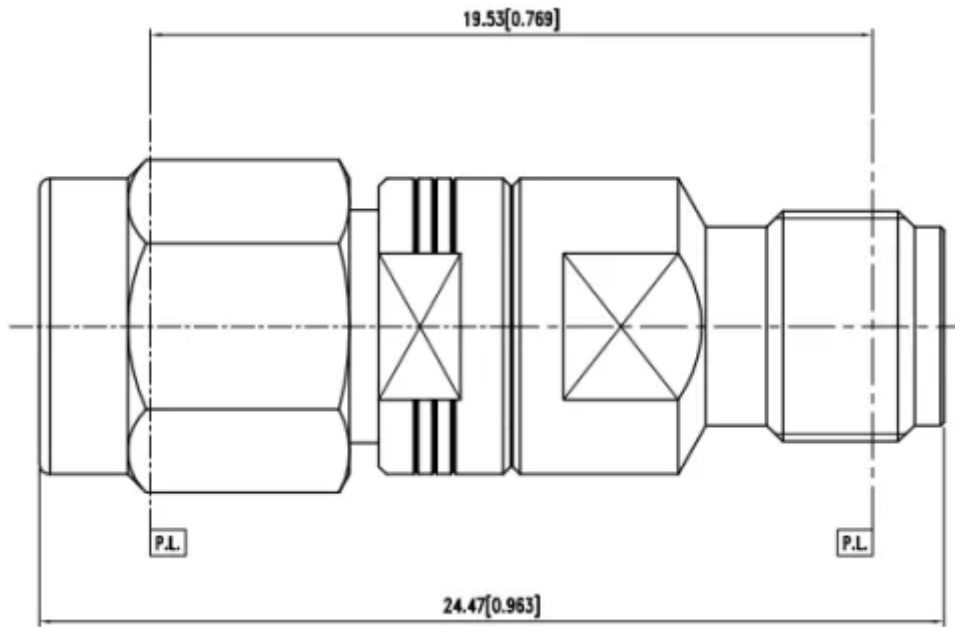
105 °C

Mating Cycles

> 500

Drawing

Image



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