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Huang Liang 3.5 mm Female to SMA Male Adapter

SKU
ACC-HL-00055
MPN
ADU1-35F1-SMM1

Description

The Huang Liang 3.5 mm Female to SMA Male Adapter (Part Number: ADU1-35F1-SMM1) is a high-quality, 50 Ω coaxial RF adapter suitable for various applications. It features a 3.5 mm Female straight body interface compatible with 3.5 mm Male and SMA Male connectors, and a SMA Male straight body interface compatible with SMA Female connectors. The adapter operates across a frequency range of 0 GHz to 26.5 GHz and is designed for free hanging mounting.

Constructed from stainless steel (303) with a passivated finish and gold-plated beryllium copper inner contacts, the adapter ensures durability and excellent conductivity. It functions efficiently within a temperature range of -40 °C to 105 °C and meets ISO 9001 Quality Management and RoHS standards, guaranteeing reliability and compliance.

Manufactured by Huang Liang, a renowned Taiwanese company with over 30 years of expertise in RF technology, this adapter is ideal for use in military...

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

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

RF Specification

Start Frequency

0 GHz

Stop Frequency

26.5 GHz

RF Operating Voltage

≥ 250 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

7 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

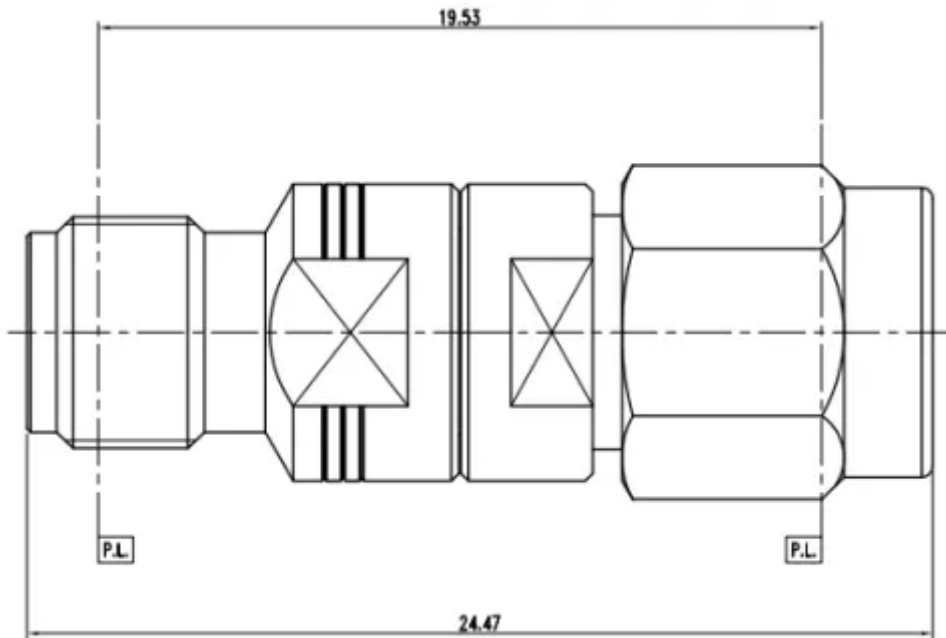
105 °C

Mating Cycles

> 500

Drawing

Image



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