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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 Ω 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

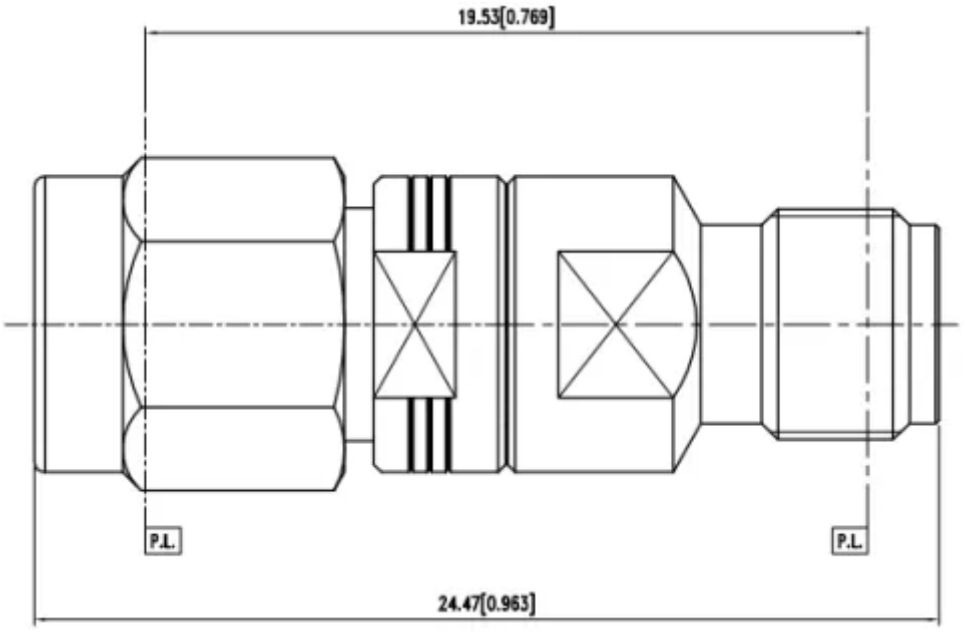
Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 MHz	≤ 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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