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Huang Liang 3.5 mm Male to SMA Male Adapter

SKU
ACC-HL-00051
MPN
ADU1-35M1-SMM1

Description

The Huang Liang 3.5 mm Male to SMA Male Adapter (Part Number: ADU1-35M1-SMM1) is a high-quality 50 Ω coaxial RF adapter designed for demanding applications. It features a 3.5 mm Male interface and an SMA Male interface, both with straight body shapes and free-hanging mounting mechanisms. This adapter is compatible with 3.5 mm Female and SMA Female interfaces and supports an operating frequency range from 0 GHz to 26.5 GHz, making it suitable for various high-frequency applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and resistance to corrosion. The inner contacts are made of beryllium copper with gold plating, providing excellent conductivity and signal integrity. The adapter operates efficiently within a temperature range of -40 °C to 105 °C.

Manufactured to meet ISO 9001 Quality Management standards and RoHS compliance, 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 Male	Straight	Free Hanging
SMA Male	Straight	Free Hanging

RF Specification

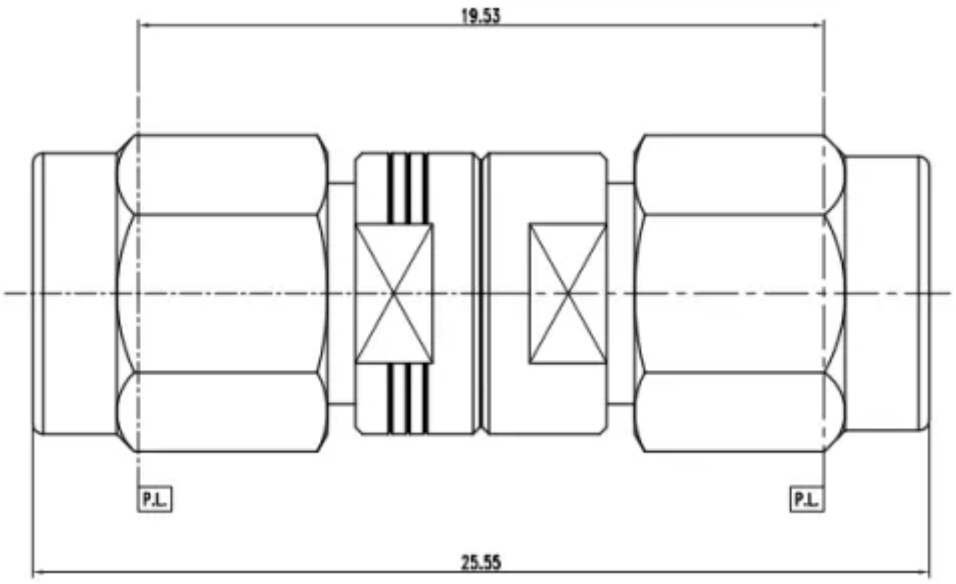
Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 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
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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