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Huang Liang 3.5 mm Male to 3.5 mm Female Adapter

SKU
ACC-HL-00052
MPN
ADU1-35M1-35F1

Description

The Huang Liang ADU1-35M1-35F1 is a 50 Ω coaxial RF adapter featuring a 3.5 mm male to 3.5 mm female interface. Designed with straight body shapes and free-hanging mounting, it is compatible with both 3.5 mm and SMA interfaces. The adapter operates within a frequency range of 0 GHz to 34 GHz, making it suitable for high-performance applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and corrosion resistance. Its inner contacts are crafted from beryllium copper with gold plating, ensuring reliable conductivity and performance. The adapter performs efficiently in temperatures ranging from -40 °C to 105 °C.

Manufactured to ISO 9001 quality management standards and RoHS compliant, this adapter meets rigorous quality and environmental criteria. Ideal for use in various industries, including military, telecommunications, and aerospace, the Huang Liang ADU1-35M1-35F1 provides a dependable...

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Huang Liang
TECHNOLOGIES CO., LTD.

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
3.5 mm Female	Straight	Free Hanging

RF Specification

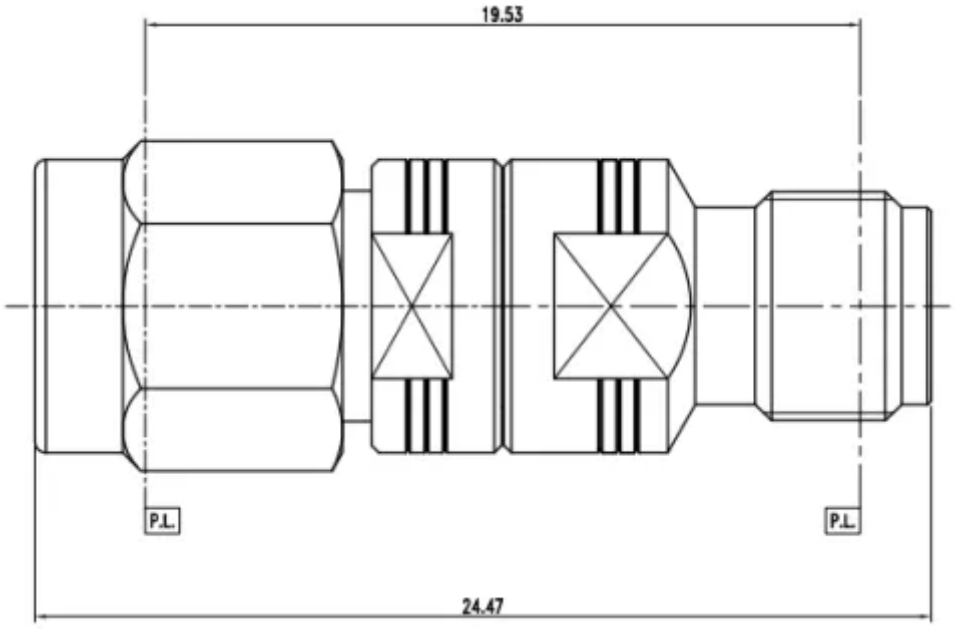
Start Frequency
0 GHz
Stop Frequency
34 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	≤ 1.2:1	0.35 dB

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Weight
6 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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