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Huang Liang 2.92 mm Female to 3.5 mm Male Adapter

SKU
ACC-HL-00045
MPN
ADU1-KF1-35M1

Description

The Huang Liang 2.92 mm Female to 3.5 mm Male Adapter (Part Number: ADU1-KF1-35M1) is a high-quality 50 Ω coaxial RF adapter designed for seamless connectivity. It features a 2.92 mm Female interface and a 3.5 mm Male interface, both with a straight body shape and free-hanging mounting mechanism. This adapter is compatible with 2.92 mm Male, 3.5 mm Female, and SMA Female interfaces.

Operating within a frequency range of 0 GHz to 34 GHz, this adapter ensures reliable performance across a wide spectrum. It is constructed from Stainless Steel (303) with a passivated finish for enhanced durability. The inner contacts are made of Beryllium Copper with gold plating for optimal conductivity and corrosion resistance.

With an operating temperature range of -65 °C to 150 °C, the adapter is suitable for various demanding environments. It meets ISO 9001 Quality Management standards and is RoHS compliant, ensuring high quality and environmental safety...

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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
2.92 mm Female	Straight	Free Hanging
3.5 mm Male	Straight	Free Hanging

RF Specification

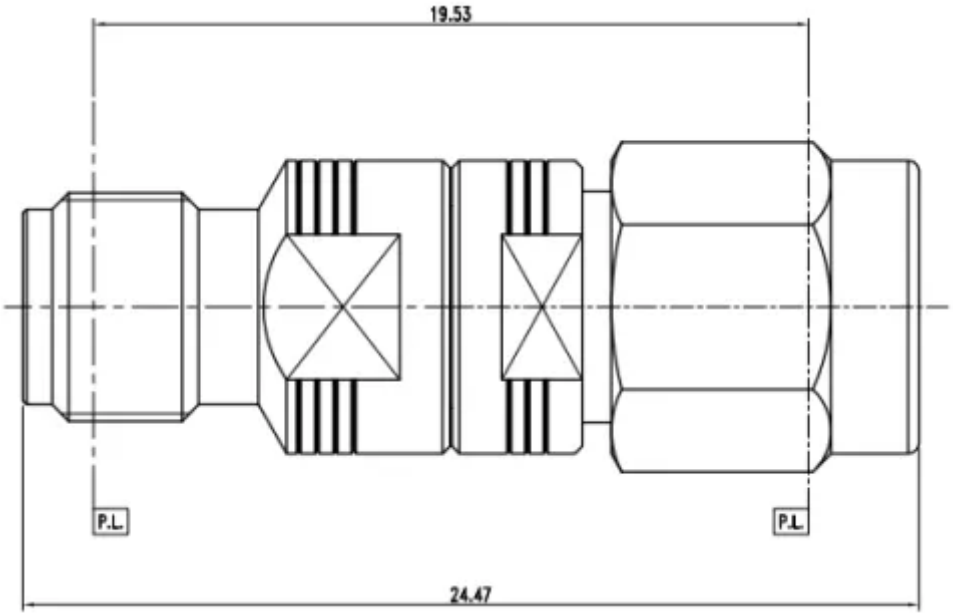
Start Frequency
0 GHz
Stop Frequency
34 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 3 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	≤ 1.2:1	0.25 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
-65 °C
Max. Operating Temperature
150 °C
Mating Cycles
> 500
Drawing
Image



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