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Huang Liang 2.92 mm Female to 3.5 mm Female Adapter

SKU
ACC-HL-00044
MPN
ADU1-KF1-35F1

Description

The Huang Liang 2.92 mm Female to 3.5 mm Female Adapter (ADU1-KF1-35F1) is a high-quality 50 Ω coaxial RF adapter. It features a 2.92 mm Female interface and a 3.5 mm Female interface, both with straight body shapes and free-hanging mounting mechanisms. These interfaces are compatible with 2.92 mm Male, 3.5 mm Male, and SMA Male connectors. The adapter operates within a frequency range of 0 to 34 GHz, making it versatile for various applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and corrosion resistance. The inner contacts are crafted from beryllium copper and gold-plated for superior conductivity and reliability. It is designed to perform in extreme temperatures, from -65 °C to 150 °C.

Manufactured to ISO 9001 Quality Management standards and RoHS compliant, this adapter guarantees high performance and compliance with international quality and safety regulations.

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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 Female	Straight	Free Hanging

RF Specification

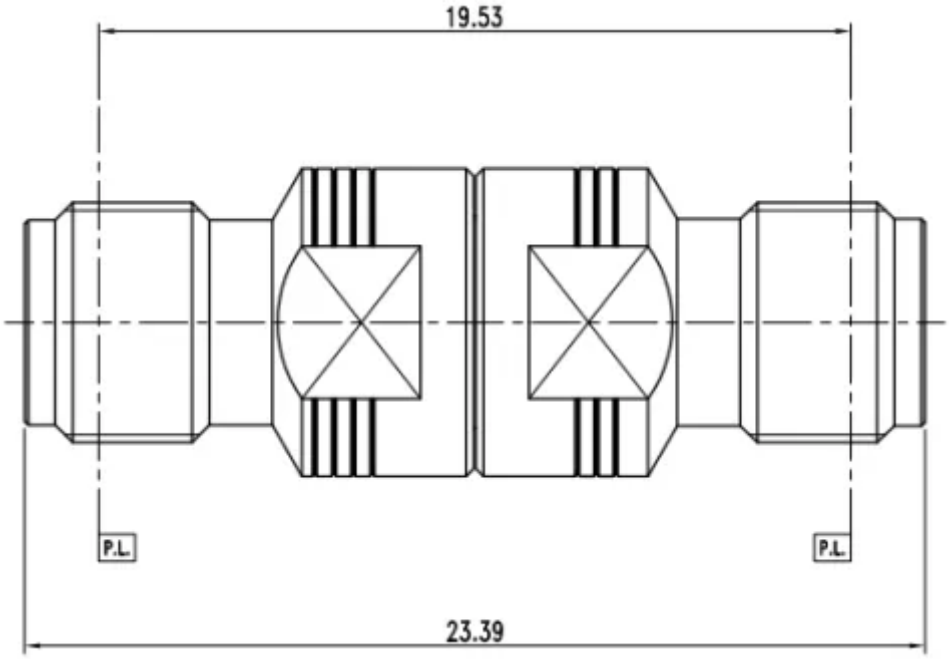
Start Frequency
0 GHz
Stop Frequency
34 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 3 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 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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