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Huang Liang 2.92 mm Female to 2.92 mm Female Adapter

SKU
ACC-HL-00043
MPN
ADU1-KF1-KF1

Description

The Huang Liang 2.92 mm Female to 2.92 mm Female Adapter (Part Number: ADU1-KF1-KF1) is a high-quality, 50 Ω coaxial RF adapter. Designed for compatibility with 2.92 mm Male interfaces, it features a straight body shape and a free-hanging mounting mechanism. This adapter operates across a broad frequency range from 0 GHz to 40 GHz, making it versatile for various applications.

Constructed from 303 stainless steel with a passivated finish, the adapter ensures durability and corrosion resistance. The inner contacts are made of beryllium copper with gold plating, offering excellent conductivity and performance reliability. It is operational within a temperature range of -65 °C to 150 °C, ensuring stability in diverse environmental conditions.

Huang Liang, a reputable Taiwanese manufacturer, guarantees top-notch quality and compliance with ISO 9001 and RoHS standards. With over 30 years of experience in RF technology, Huang Liang provides...

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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
2.92 mm Female	Straight	Free Hanging
2.92 mm Female	Straight	Free Hanging

RF Specification

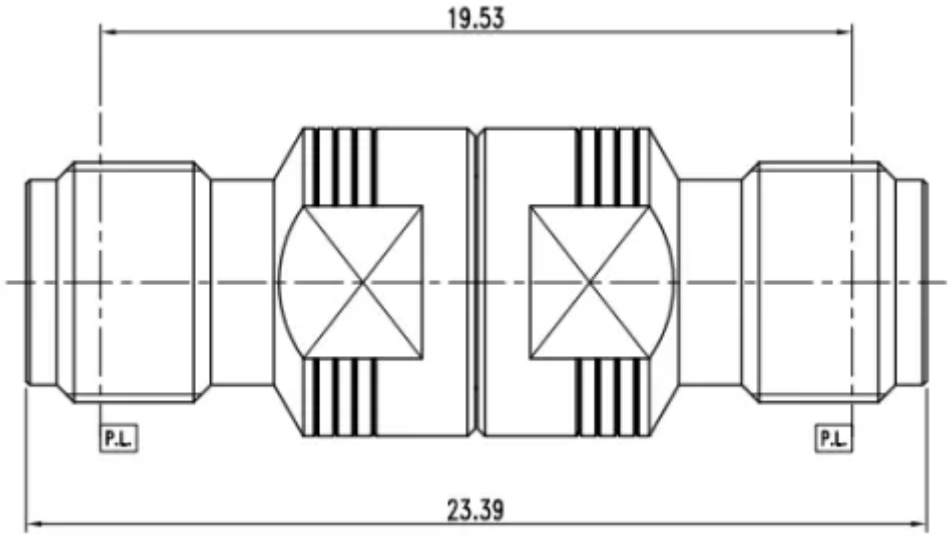
Start Frequency
0 GHz
Stop Frequency
40 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 3 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
40000 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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