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Huang Liang 2.92 mm Female to SMA Female Adapter

SKU
ACC-HL-00046
MPN
ADU1-KF1-SMF1

Description

The Huang Liang ADU1-KF1-SMF1 Adapter is a high-quality, 50 Ω coaxial RF adapter designed for seamless connectivity. It features a 2.92 mm Female to SMA Female interface, both with straight body shapes and free-hanging mounting mechanisms, compatible with their respective male interfaces. The adapter operates across a frequency range of 0 GHz to 26.5 GHz, making it versatile for various RF 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 reliability. It performs reliably in temperatures ranging from -65 °C to 150 °C, ensuring stable operation under challenging conditions.

This RF adapter meets ISO 9001 quality standards and complies with RoHS regulations, ensuring high manufacturing quality and environmental responsibility. Ideal for applications...

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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
SMA Female	Straight	Free Hanging

RF Specification

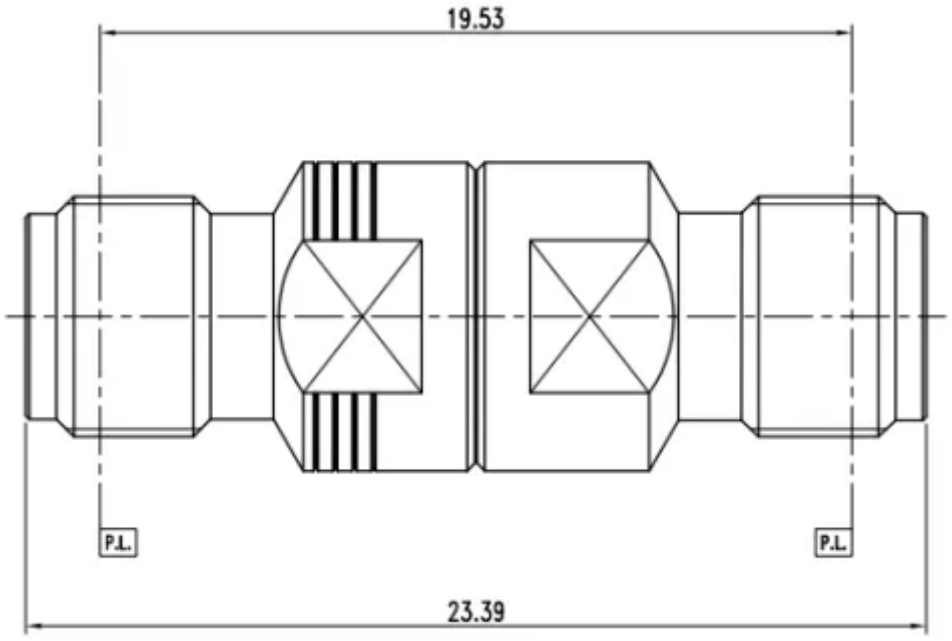
Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 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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