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Huang Liang 2.92 mm Female to SMA Male Adapter

SKU
ACC-HL-00049
MPN
ADU1-KF1-SMM1

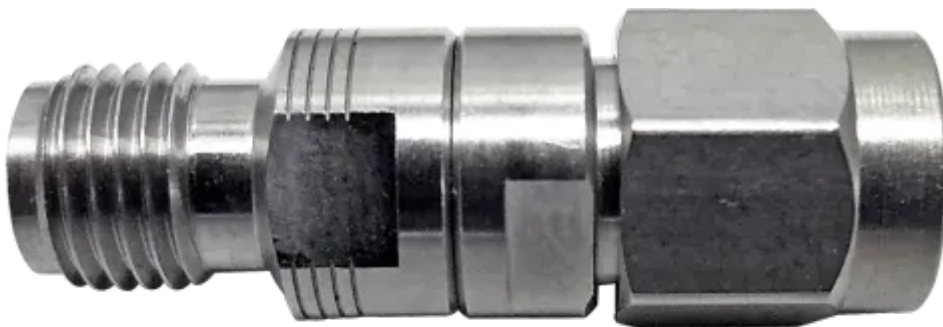
Description

The Huang Liang 2.92 mm Female to SMA Male Adapter (Part Number: ADU1-KF1-SMM1) is a high-quality 50 Ω coaxial RF adapter. This adapter features a 2.92 mm Female interface and an SMA Male interface, both with straight body shapes and free-hanging mounting mechanisms. It supports an operating frequency range from 0 GHz to 26.5 GHz.

Constructed from passivated 303 stainless steel, the adapter ensures durability and reliability. The inner contacts are made of beryllium copper with gold plating for excellent conductivity. It operates effectively in temperatures ranging from -65 °C to 150 °C.

Compliant with ISO 9001 Quality Management and RoHS standards, this adapter is suitable for applications in military, telecommunications, and aerospace industries. Huang Liang, a Taiwanese manufacturer with over 30 years of experience, is known for its precision in coaxial connectors, adapters, and cable assemblies, providing unmatched expertise and...

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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 Male	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 m Ω

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

Outer Contact Resistance

$\leq 2 \text{ m}\Omega$

VSWR Measurement

Frequency VSWR Insertion Loss

26500 MHz $\leq 1.2:1$ 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

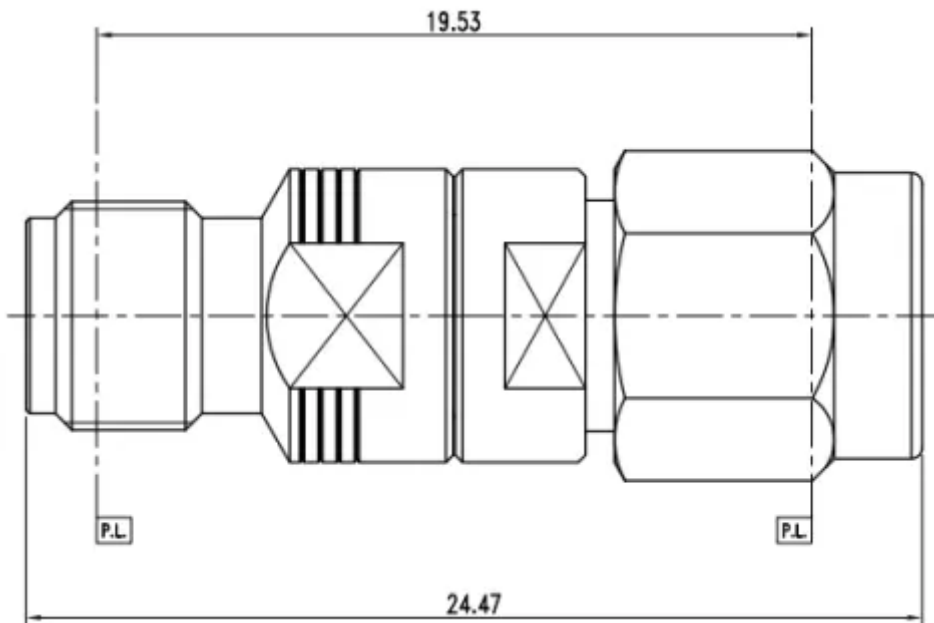
150 °C

Mating Cycles

> 500

Drawing

Image



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