

# 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  $\Omega$  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](#)

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
<a href="#">2.92 mm Female</a>	<a href="#">Straight</a>	<a href="#">Free Hanging</a>
<a href="#">2.92 mm Female</a>	<a href="#">Straight</a>	<a href="#">Free Hanging</a>

## RF Specification

Start Frequency

0 GHz

Stop Frequency

40 GHz

RF Operating Voltage

$\geq 350$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 3$  m $\Omega$

Insulation Resistance

$\geq 5000$  m $\Omega$

Outer Contact Resistance

$\leq 2$  m $\Omega$

VSWR Measurement

**Frequency VSWR Insertion Loss**

40000 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

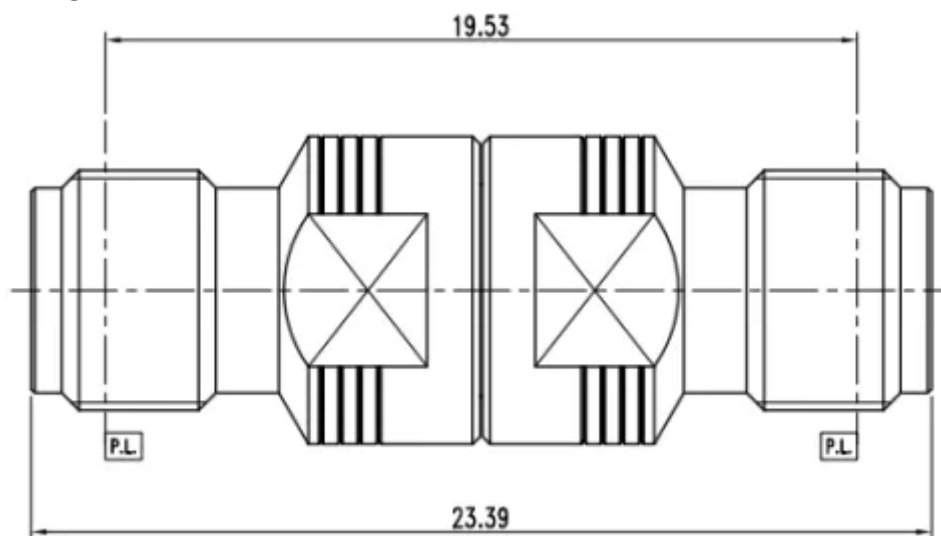
150 °C

Mating Cycles

> 500

Drawing

Image



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