

# 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  $\Omega$  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
<a href="#">2.92 mm Female</a>	<a href="#">Straight</a>	<a href="#">Free Hanging</a>
<a href="#">3.5 mm Female</a>	<a href="#">Straight</a>	<a href="#">Free Hanging</a>

## RF Specification

Start Frequency

0 GHz

Stop Frequency

34 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**

34000 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

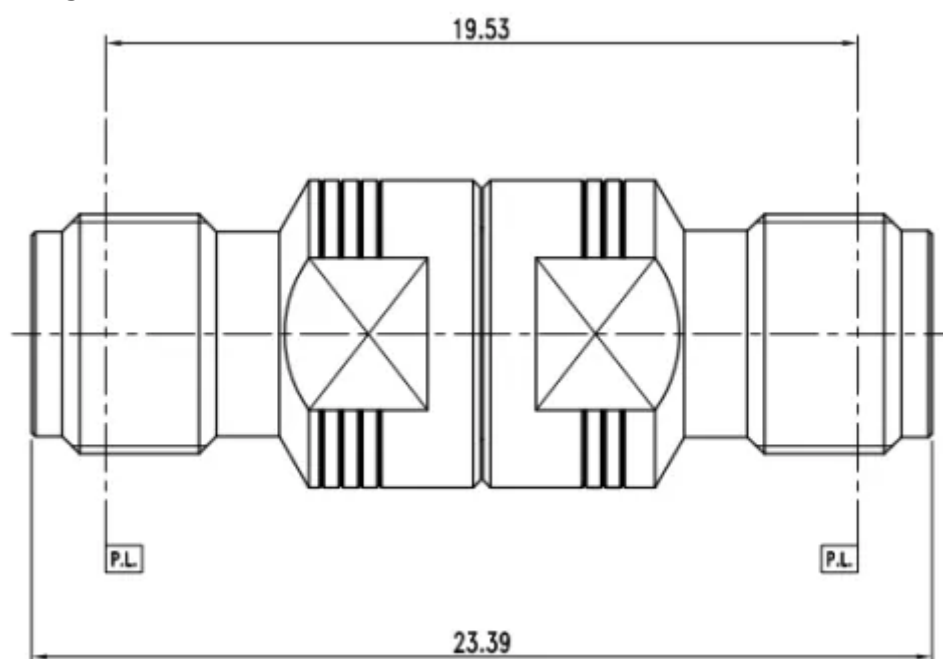
150 °C

Mating Cycles

> 500

Drawing

Image



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