

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 Ω 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 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
3.5 mm Female	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	34 GHz	Inner Contact Resistance:	$\leq 3 \text{ m}\Omega$
RF Operating Voltage:	$\geq 350 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

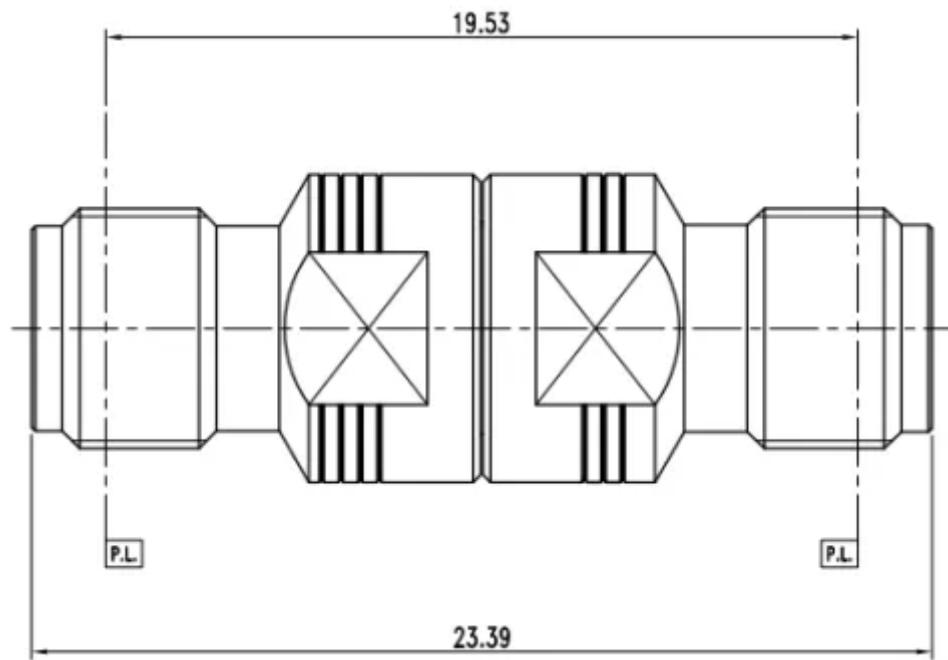
VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	$\leq 1.2:1$	0.25 dB

Physical Specification

Body Material:	Stainless Steel (303)	Contact Material:	Beryllium Copper
Body Plating:	Passivated	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-65 °C
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	150 °C
RoHS		Mating Cycles:	> 500

Drawing



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