

# Huang Liang 2.4 mm Female to 3.5 mm Female Adapter

SKU: ACC-HL-00032

MPN: ADU1-QF1-35F1

## Description

The Huang Liang 2.4 mm Female to 3.5 mm Female Adapter (Part Number: ADU1-QF1-35F1) is a high-quality 50 Ω coaxial RF adapter. Designed for versatility, it features a 2.4 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 2.4 mm male, 1.85 mm male, 3.5 mm male, and SMA male connectors.

Operating within a frequency range of 0 GHz to 34 GHz, this adapter ensures reliable performance across a broad spectrum. Constructed from passivated stainless steel (303) and featuring beryllium copper inner contacts with gold plating, it offers durability and excellent conductivity. The adapter functions effectively in temperature ranges from -40 °C to 105 °C.

This product complies with ISO 9001 Quality Management and RoHS standards, guaranteeing superior quality and environmental safety. Ideal for applications in military, telecommunications, and...

[Read More](#)



## 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
2.4 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:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 250 \text{ Vrms}$	Insulation Resistance:	$\geq 3000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

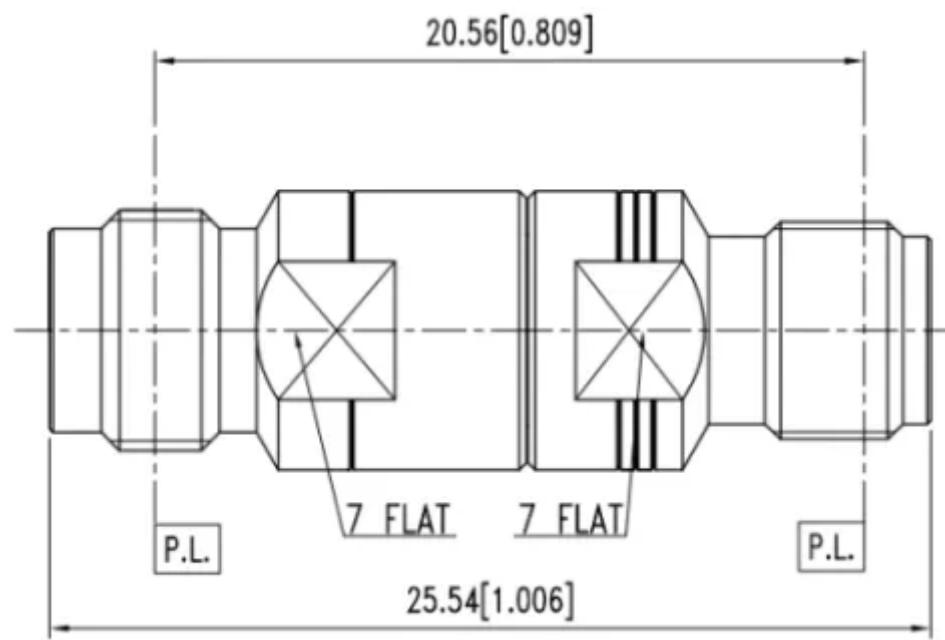
## VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	$\leq 1.2:1$	0.35 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:	-40 °C
Weight:	6.6 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

# Drawing



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

