

# Huang Liang 3.5 mm Male to SMA Female Adapter

SKU: ACC-HL-00050

MPN: ADU1-35M1-SMF1

## Description

The Huang Liang 3.5 mm Male to SMA Female Adapter (Part Number: ADU1-35M1-SMF1) is a high-quality 50 Ω coaxial RF adapter. This adapter features a 3.5 mm Male straight interface compatible with 3.5 mm Female and SMA Female connectors, and an SMA Female straight interface compatible with SMA Male connectors. It covers a wide frequency range from 0 GHz to 26.5 GHz, making it versatile for various applications.

Constructed from durable Stainless Steel (303) with a passivated finish, the adapter ensures longevity and reliable performance. The inner contacts are made of Beryllium Copper with Gold plating, enhancing signal integrity. It operates efficiently within a temperature range of -40 °C to 105 °C.

This adapter is manufactured to ISO 9001 quality standards and complies with RoHS directives, ensuring exceptional product quality and environmental responsibility. With over 30 years of expertise, Huang Liang delivers robust RF solutions for...

[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
3.5 mm Male	Straight	Free Hanging
SMA Female	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	26.5 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 350 \text{ Vrms}$	Insulation Resistance:	$\geq 3000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

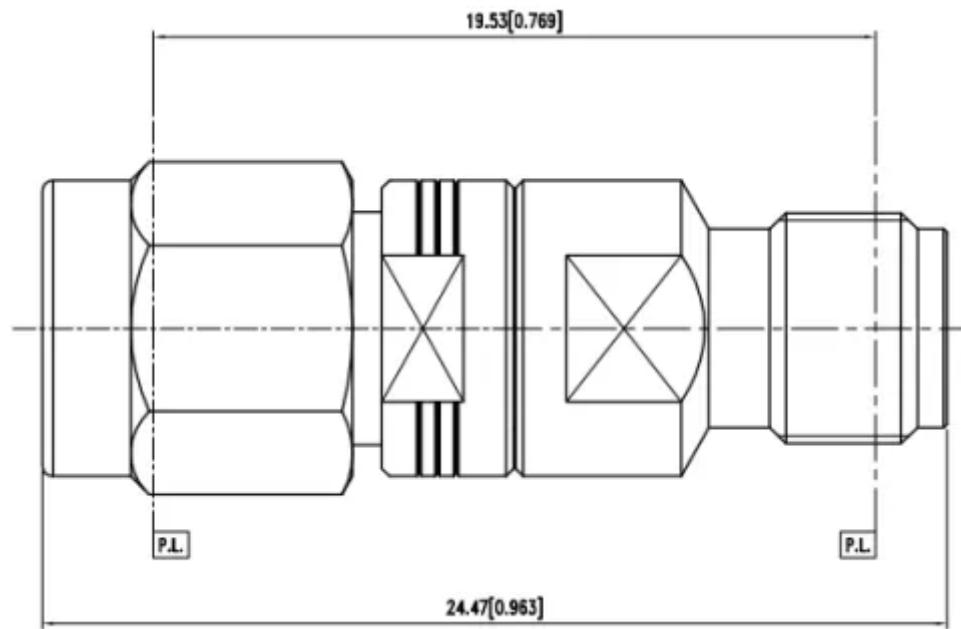
## VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 MHz	$\leq 1.2:1$	0.3 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:	6.3 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.

