

# Huang Liang 3.5 mm Male to N Female Adapter

SKU: ACC-HL-00058

MPN: ADU1-35M1-NF1

## Description

The Huang Liang 3.5 mm Male to N Female Adapter (Part Number: ADU1-35M1-NF1) is a high-quality 50 Ω coaxial RF adapter. It features a 3.5 mm Male interface compatible with 3.5 mm Female and SMA Female interfaces, and an N Female interface compatible with N Male interfaces. Both connectors have a straight body shape and a free-hanging mounting mechanism, making them versatile for various applications.

This adapter operates within a frequency range of 0 GHz to 18 GHz, ensuring broad compatibility with numerous RF systems. Constructed from Stainless Steel (303) with a passivated finish, it offers durability and corrosion resistance. The inner contacts are made of Beryllium Copper with Gold plating, providing excellent conductivity and reliability.

Designed to perform in extreme environments, this adapter operates between -40 °C and 105 °C. It is manufactured in compliance with ISO 9001 Quality Management standards and is RoHS compliant...

[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
N Female	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	18 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:	$\leq 2 \text{ m}\Omega$

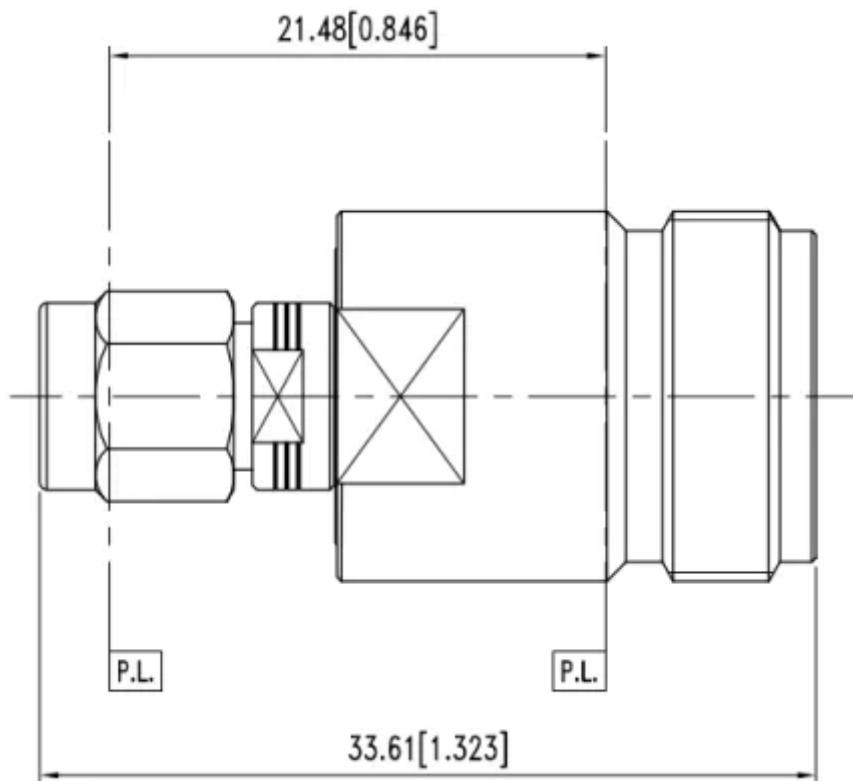
## VSWR Measurement

Frequency	VSWR	Insertion Loss
18000 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:	-40 °C
Weight:	28.6 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.

