

# Huang Liang 3.5 mm Female to N Female Adapter

SKU: ACC-HL-00059

MPN: ADU1-35F1-NF1

## Description

The Huang Liang 3.5 mm Female to N Female Adapter (Part Number: ADU1-35F1-NF1) is a high-quality 50 Ω coaxial RF adapter. It features a 3.5 mm Female interface compatible with 3.5 mm Male and SMA Male connections, and an N Female interface compatible with N Male connections. Both interfaces have a straight body and free-hanging mounting mechanism.

This adapter operates across a frequency range of 0 GHz to 18 GHz, making it versatile for various RF applications. Constructed from passivated stainless steel (303) and featuring gold-plated beryllium copper inner contacts, it ensures durability and exceptional performance. It is suitable for use in environments ranging from -40 °C to 105 °C.

Manufactured to ISO 9001 quality standards and RoHS compliant, this adapter is ideal for applications in military, telecommunications, and aerospace industries. With over 30 years of expertise in RF technology, Huang Liang delivers reliable and precise RF...

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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
3.5 mm Female	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:	$\leq 2 \text{ m}\Omega$

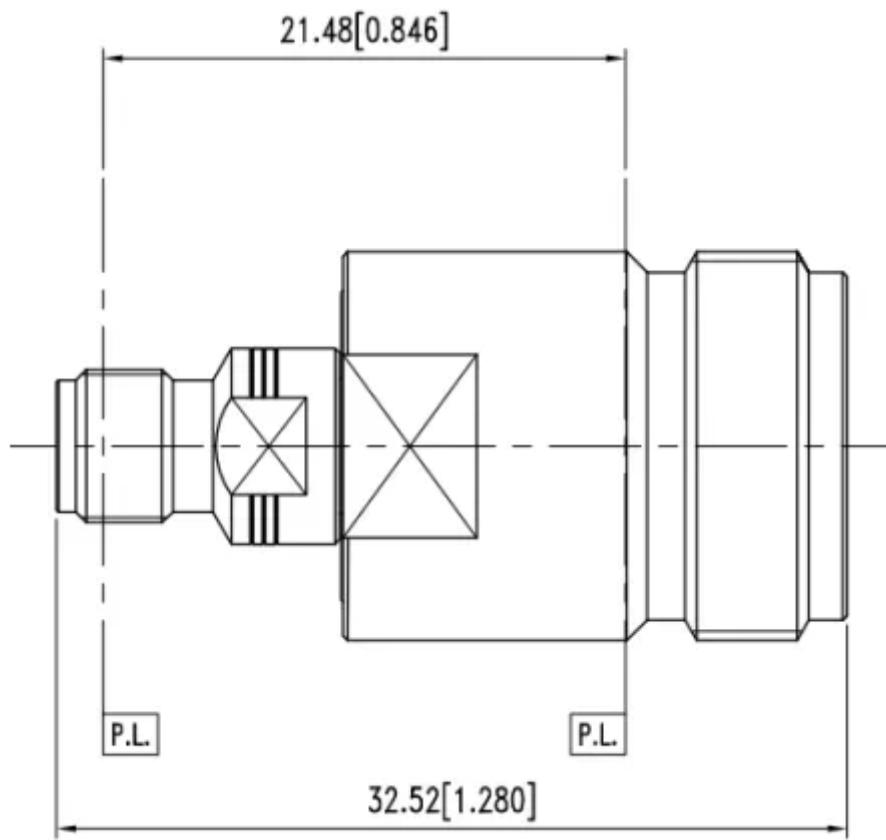
## VSWR Measurement

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



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