

# Huang Liang 3.5 mm Female to N Male Adapter

SKU: ACC-HL-00060

MPN: ADU1-35F1-NM1

## Description

The Huang Liang 3.5 mm Female to N Male Adapter (Part Number: ADU1-35F1-NM1) is a high-quality 50 Ω coaxial RF adapter designed for various applications, including military, telecommunications, and aerospace. This adapter features a 3.5 mm Female interface compatible with 3.5 mm Male and SMA Male connectors, and an N Male interface compatible with N Female connectors. Both interfaces have a straight body shape and a free-hanging mounting mechanism.

The adapter operates across a frequency range of 0 GHz to 18 GHz, ensuring versatile use in different RF environments. It is constructed from durable stainless steel (303) with a passivated finish, and the inner contacts are made of beryllium copper with gold plating, providing excellent conductivity and corrosion resistance. The operating temperature range is -40 °C to 105 °C, making it suitable for a wide range of environmental conditions.

Huang Liang's adapter complies with ISO 9001 Quality...

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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 Male	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:	$\leq 2 \text{ m}\Omega$

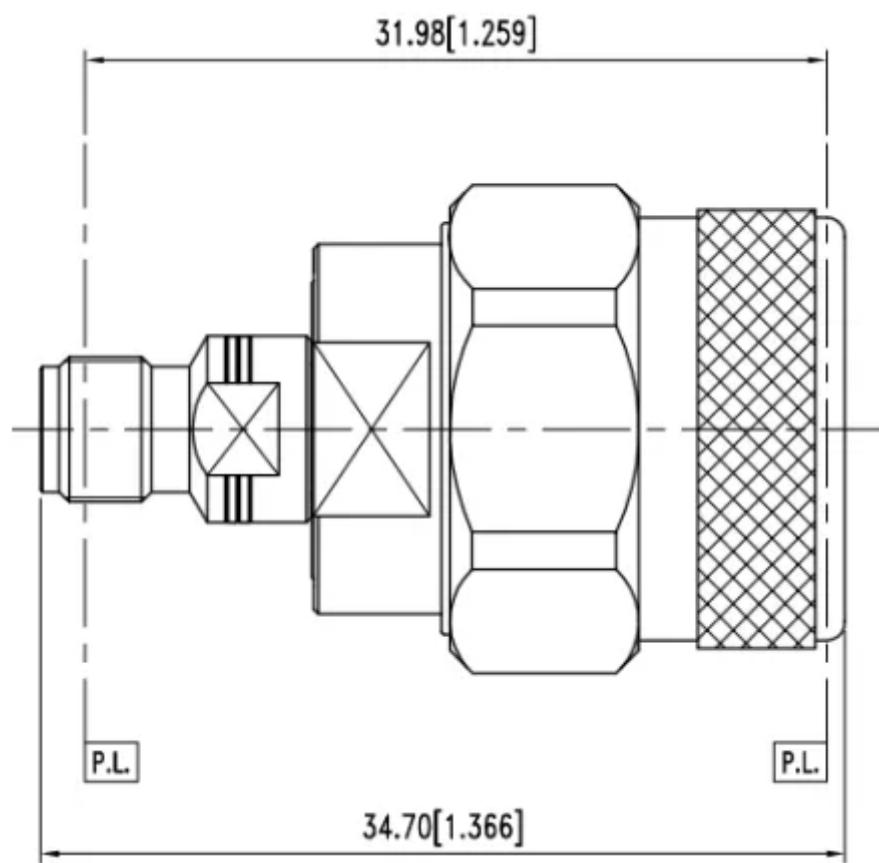
## VSWR Measurement

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
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	105 °C
RoHS		Mating Cycles:	> 500

# Drawing



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