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## **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  $\Omega$  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...

[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 Female](#) [Straight](#) [Free Hanging](#)

[N Female](#) [Straight](#) [Free Hanging](#)

## RF Specification

Start Frequency

0 GHz

Stop Frequency

18 GHz

RF Operating Voltage

$\geq 250$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 6$  m $\Omega$

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 \(303\)](#)

Body Plating

[Passivated](#)

Insulator Material

[PTFE / Teflon](#)

Weight

28.6 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

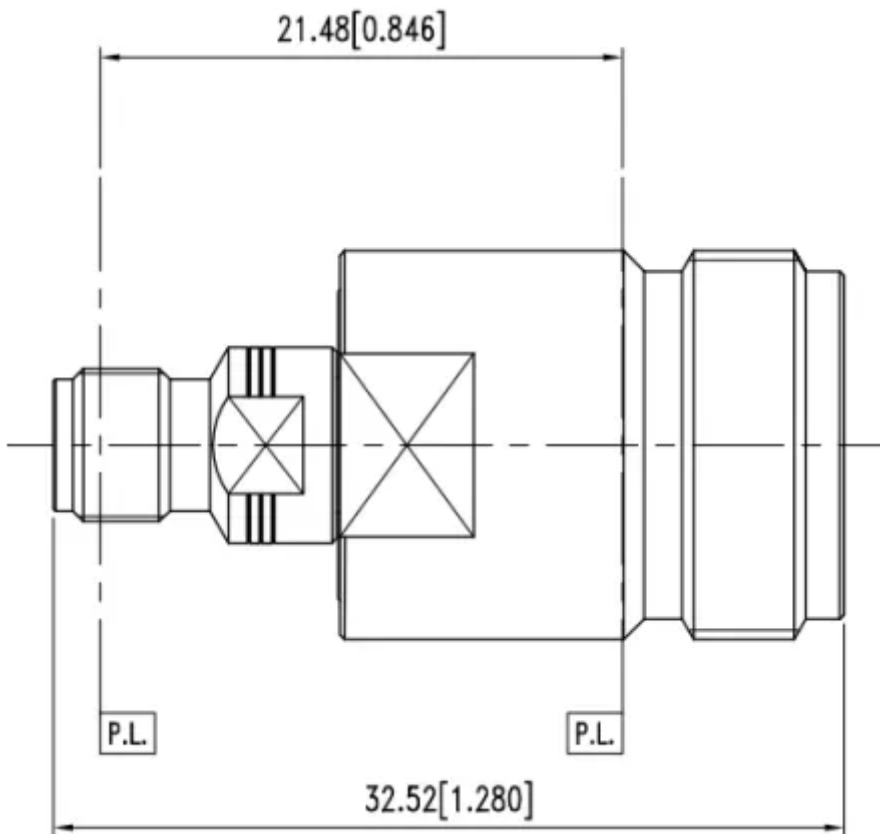
105 °C

Mating Cycles

> 500

Drawing

Image



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