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Powertec Wireless Technology  
ABN: 42 082 948 463  
PO Box 1034, Ashmore City  
Queensland, Australia, 4214  
sales@powertec.com.au  
1300 769 378

## **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  $\Omega$  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...

[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**

<a href="#">3.5 mm Female</a>	<a href="#">Straight</a>	<a href="#">Free Hanging</a>
<a href="#">N Male</a>	<a href="#">Straight</a>	<a href="#">Free Hanging</a>

## 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](#)

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

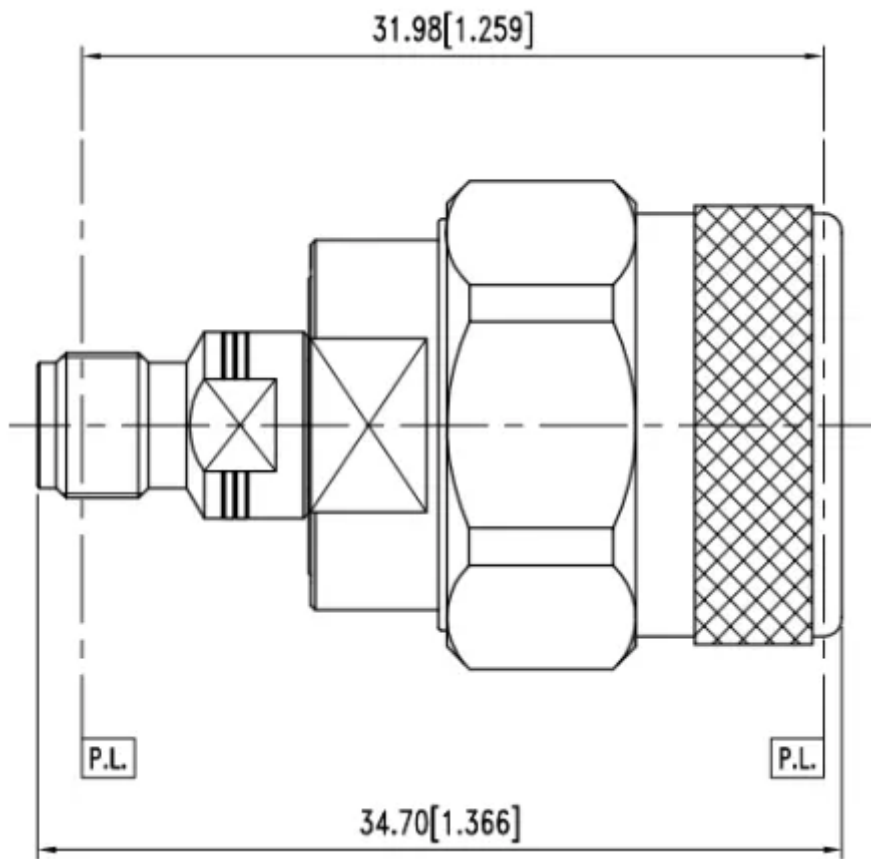
105 °C

Mating Cycles

> 500

Drawing

Image



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