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## **Huang Liang 2.92 mm Female to N Male Adapter**

SKU  
ACC-HL-00048  
MPN  
ADU1-KF1-NM1

### **Description**

The Huang Liang 2.92 mm Female to N Male Adapter (Part Number: ADU1-KF1-NM1) is a high-quality, 50  $\Omega$  coaxial RF adapter ideal for various applications, including military, telecommunications, and aerospace. This adapter features a 2.92 mm Female interface and an N Male interface, both with a straight body and free-hanging mounting, compatible with 2.92 mm Male and N Female interfaces, respectively.

Operating within a frequency range of 0 to 18 GHz, the adapter is constructed from passivated stainless steel (303) for durability, with inner contacts made from Beryllium Copper and gold plating to ensure excellent conductivity. It performs reliably in extreme temperatures, from -65 °C to 150 °C.

Compliant with ISO 9001 Quality Management standards and RoHS regulations, this adapter guarantees high precision and reliability. Backed by Huang Liang's over 30 years of experience and expertise in RF technology, it offers top-tier performance for...

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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
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<a href="#">2.92 mm Female</a>	<a href="#">Straight</a>	<a href="#">Free Hanging</a>
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<a href="#">N Male</a>	<a href="#">Straight</a>	<a href="#">Free Hanging</a>
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## RF Specification

Start Frequency

0 GHz

Stop Frequency

18 GHz

RF Operating Voltage

≥ 350 Vrms

Input Impedance

50 Ω

Inner Contact Resistance

≤ 6 mΩ

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

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

-65 °C

Max. Operating Temperature

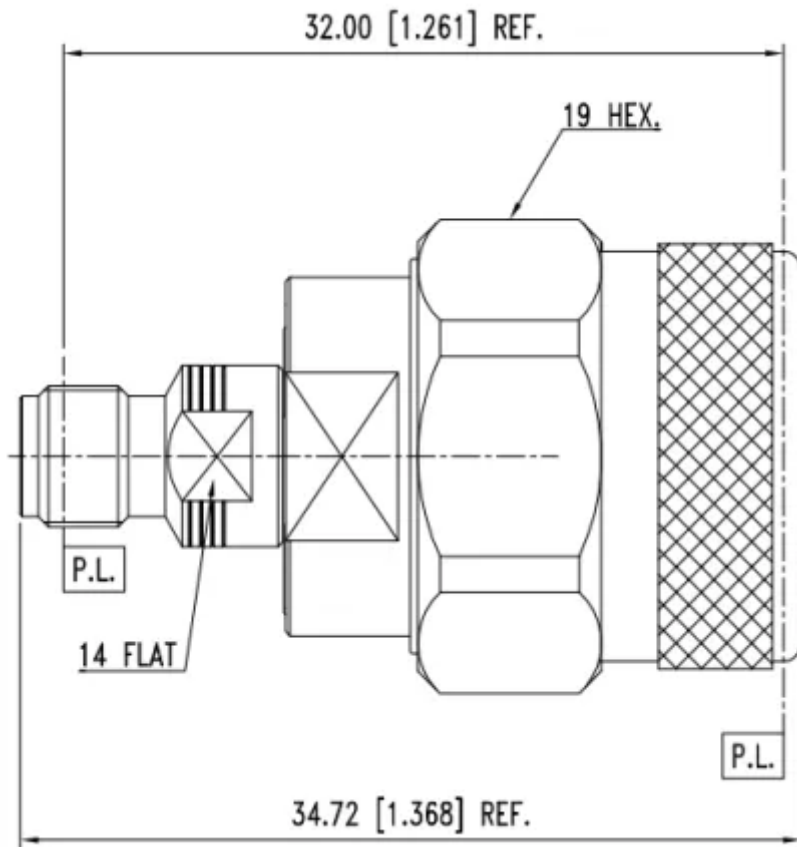
150 °C

Mating Cycles

> 500

Drawing

Image



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