

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 Ω 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
2.92 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:	$\geq 350 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

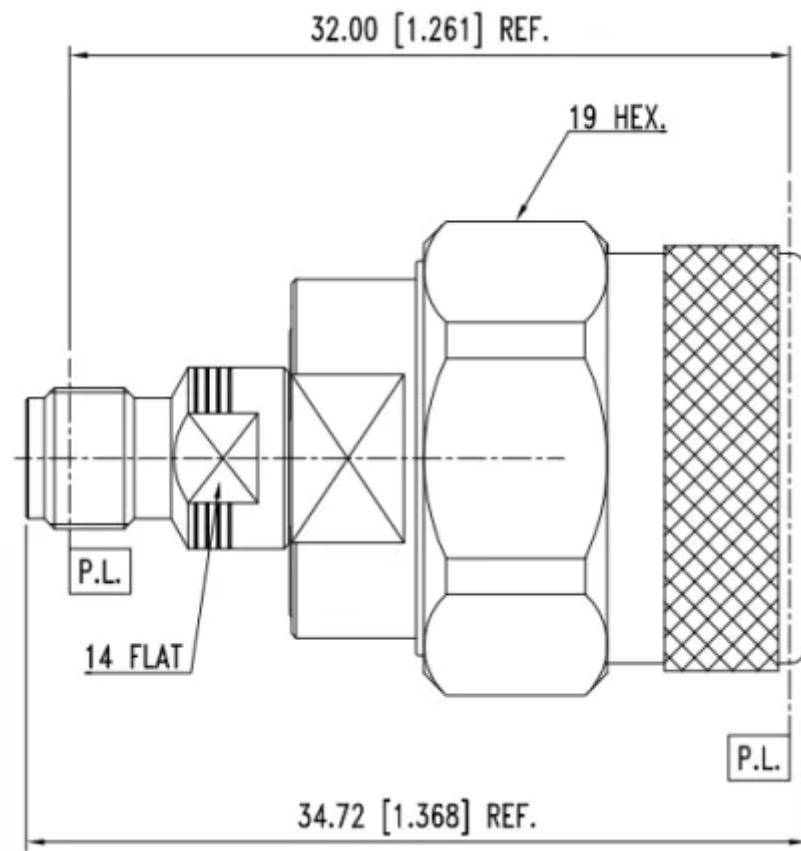
VSWR Measurement

Frequency	VSWR	Insertion Loss
18000 MHz	$\leq 1.2:1$	0.25 dB

Physical Specification

Body Material:	Stainless Steel (303)	Contact Material:	Beryllium Copper
Body Plating:	Passivated	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-65 °C
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	150 °C
RoHS		Mating Cycles:	> 500

Drawing



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