

Huang Liang 2.92 mm Male to N Female Adapter

SKU: ACC-HL-00047

MPN: ADU1-KM1-NF1

Description

The Huang Liang 2.92 mm Male to N Female Adapter (Part Number: ADU1-KM1-NF1) is a high-quality 50 Ω coaxial RF adapter designed for versatile applications. It features a 2.92 mm Male interface and an N Female interface, both with a straight body and free-hanging mounting mechanism. This adapter supports frequencies from 0 GHz to 18 GHz, making it suitable for a wide range of RF applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and excellent performance. The inner contacts are made of beryllium copper with gold plating, providing reliable conductivity. It operates efficiently in temperatures ranging from -65 °C to 150 °C, making it suitable for various environments.

This product complies with ISO 9001 Quality Management standards and RoHS regulations, ensuring high-quality and environmentally friendly manufacturing. Huang Liang, a Taiwanese manufacturer with over 30 years of...

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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 Male	Straight	Free Hanging
N Female	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	18 GHz	Inner Contact Resistance:	$\leq 3 \text{ m}\Omega$
RF Operating Voltage:	$\geq 350 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

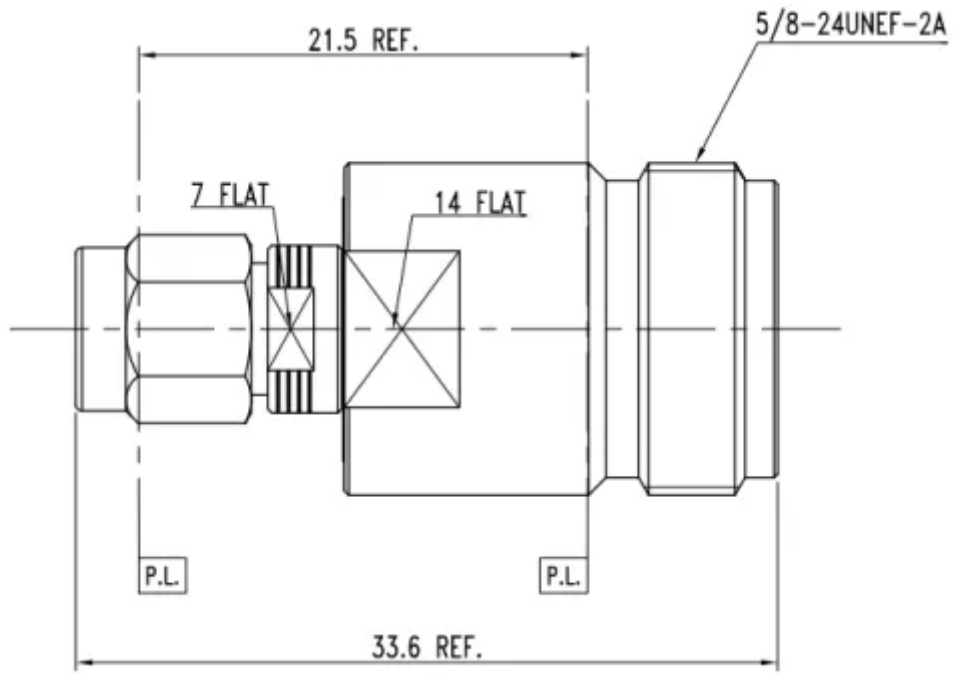
VSWR Measurement

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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