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Huang Liang 3.5 mm Male to N Female Adapter

SKU
ACC-HL-00058
MPN
ADU1-35M1-NF1

Description

The Huang Liang 3.5 mm Male to N Female Adapter (Part Number: ADU1-35M1-NF1) is a high-quality 50 Ω coaxial RF adapter. It features a 3.5 mm Male interface compatible with 3.5 mm Female and SMA Female interfaces, and an N Female interface compatible with N Male interfaces. Both connectors have a straight body shape and a free-hanging mounting mechanism, making them versatile for various applications.

This adapter operates within a frequency range of 0 GHz to 18 GHz, ensuring broad compatibility with numerous RF systems. Constructed from Stainless Steel (303) with a passivated finish, it offers durability and corrosion resistance. The inner contacts are made of Beryllium Copper with Gold plating, providing excellent conductivity and reliability.

Designed to perform in extreme environments, this adapter operates between -40 °C and 105 °C. It is manufactured in compliance with ISO 9001 Quality Management standards and is RoHS compliant...

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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
3.5 mm Male	Straight	Free Hanging
N Female	Straight	Free Hanging

RF Specification

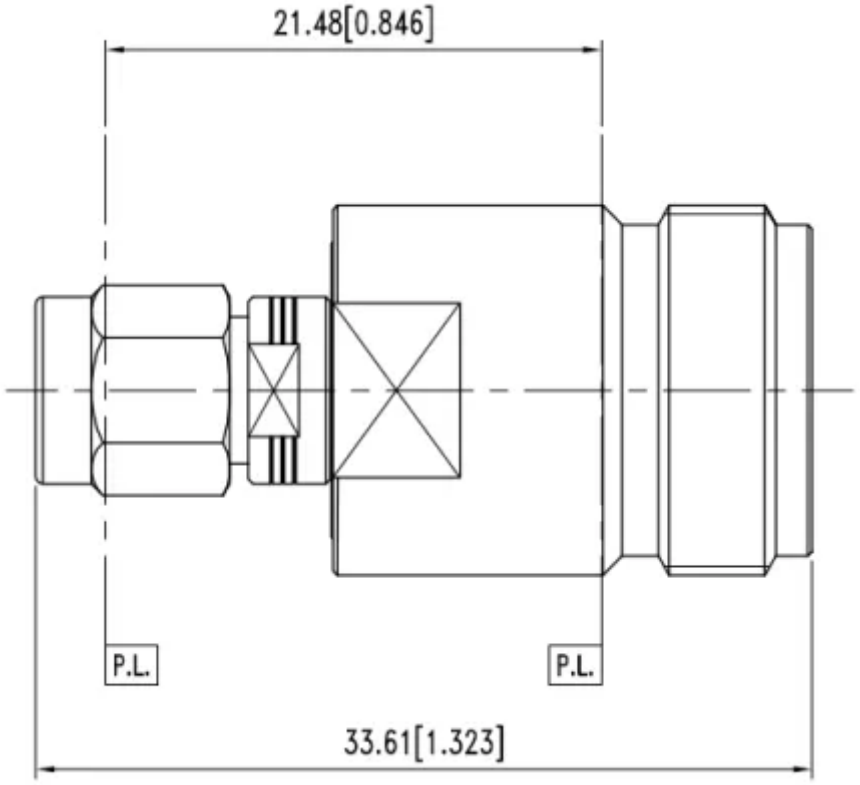
Start Frequency
0 GHz
Stop Frequency
18 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
18000 MHz	≤ 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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