

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 Ω 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...

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RF Connector Interface



| RF Interface | Body Shape | Mounting |
|---------------|------------|--------------|
| 3.5 mm Female | Straight | Free Hanging |
| N Male | Straight | Free Hanging |

RF Specification

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 ...

| | | | |
|-----------------------|------------|---------------------------|-----------|
| Start Frequency: | 0 GHz | Input Impedance: | 50 |
| Stop Frequency: | 18 GHz | Inner Contact Resistance: | ≤ 6 mΩ |
| RF Operating Voltage: | ≥ 250 Vrms | Insulation Resistance: | ≥ 3000 mΩ |
| | | Outer Contact Resistance: | ≤ 2 mΩ |

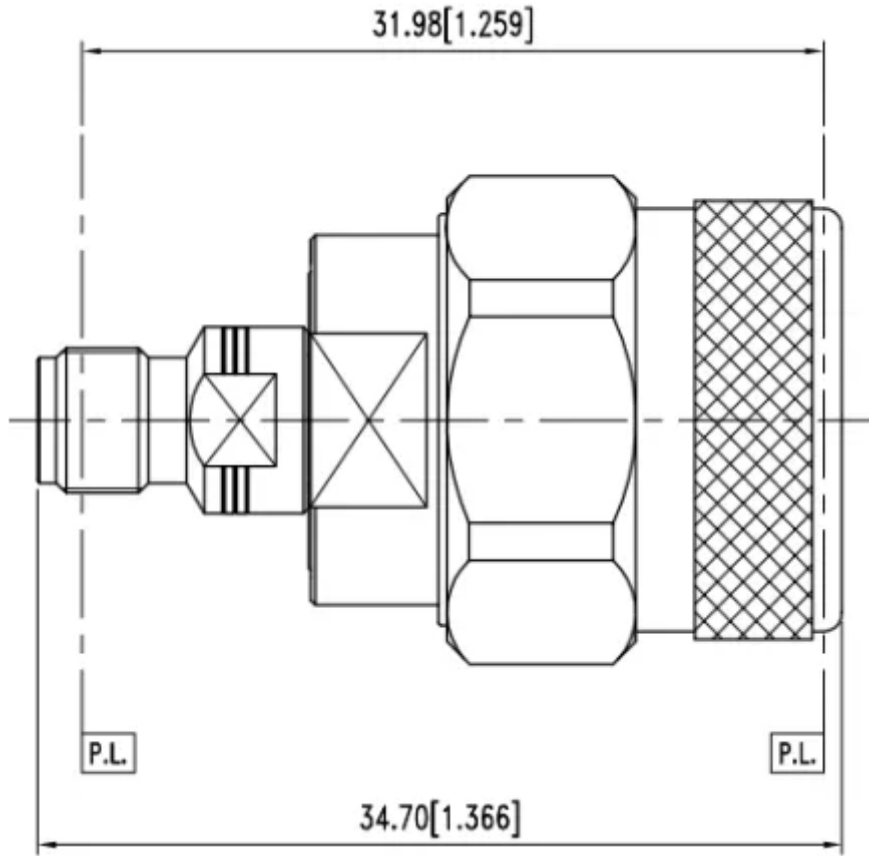
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|-----------|---------|----------------|
| 18000 MHz | ≤ 1.2:1 | 0.25 dB |

Physical Specification

| | | | |
|----------------------------|-----------------------------|-----------------------------|------------------|
| Body Material: | Stainless Steel (303) | Contact Material: | Beryllium Copper |
| Body Plating: | Passivated | Contact Plating: | Gold |
| Insulator Material: | PTFE / Teflon | Min. Operating Temperature: | -40 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Max. Operating Temperature: | 105 °C |
| RoHS | | Mating Cycles: | > 500 |

Drawing



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