

Huang Liang 3.5 mm Male to N Male Adapter

SKU: ACC-HL-00057

MPN: ADU1-35M1-NM1

Description

The Huang Liang 3.5 mm Male to N Male Adapter (Part Number: ADU1-35M1-NM1) 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 connections, and an N Male interface compatible with N Female connections. Both interfaces have straight body shapes and free-hanging mounting mechanisms. The adapter operates across a frequency range of 0 GHz to 18 GHz, making it suitable for a wide range of applications.

Constructed from passivated stainless steel (303) for durability, the adapter also features gold-plated beryllium copper inner contacts for optimal signal integrity. It performs reliably in temperature conditions ranging from -40 °C to 105 °C. The product meets ISO 9001 Quality Management standards and complies with RoHS directives, ensuring high manufacturing quality and environmental responsibility.

With over 30 years of experience, Huang Liang specialises in precision...

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RF Connector Interface



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

RF Specification



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

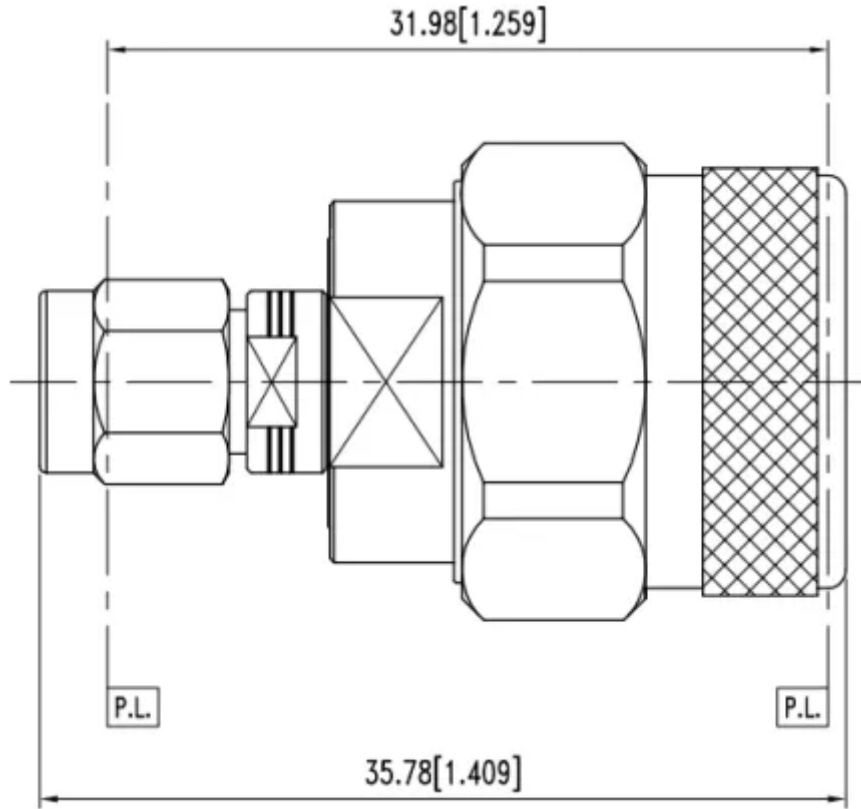
| Frequency | VSWR | Insertion Loss |
|-----------|---------|----------------|
| 18000 MHz | ≤ 1.2:1 | 0.25 dB |

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 |
| Weight: | 33.4 g | Max. Operating Temperature: | 105 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Mating Cycles: | > 500 |

RoHS

Drawing



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