

Huang Liang 3.5 mm Male to 3.5 mm Male Adapter

SKU: ACC-HL-00053

MPN: ADU1-35M1-35M1

Description

The Huang Liang 3.5 mm Male to 3.5 mm Male Adapter (Part Number: ADU1-35M1-35M1) is a high-quality 50 Ω coaxial RF adapter. It features a straight body shape with a free-hanging mounting mechanism, making it compatible with 3.5 mm Female and SMA Female interfaces. This adapter supports an operating frequency range from 0 GHz to 34 GHz, ensuring excellent performance across a wide spectrum.

Constructed from passivated stainless steel (303) and featuring gold-plated beryllium copper inner contacts, it offers durability and reliable conductivity. The adapter operates efficiently in temperatures ranging from -40 °C to 105 °C, making it suitable for various demanding applications.

Manufactured in compliance with ISO 9001 Quality Management and RoHS standards, this adapter meets rigorous quality and environmental requirements. Huang Liang, a trusted Taiwanese manufacturer with over 30 years of experience, specialises in precision coaxial...

[Read More](#)



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 |
| 3.5 mm Male | Straight | Free Hanging |

RF Specification

| | | | |
|-----------------------|-------------------------|---------------------------|-----------------------------|
| Start Frequency: | 0 GHz | Input Impedance: | 50 |
| Stop Frequency: | 34 GHz | Inner Contact Resistance: | $\leq 6 \text{ m}\Omega$ |
| RF Operating Voltage: | $\geq 250 \text{ Vrms}$ | Insulation Resistance: | $\geq 3000 \text{ m}\Omega$ |
| | | Outer Contact Resistance: | $\leq 2 \text{ m}\Omega$ |

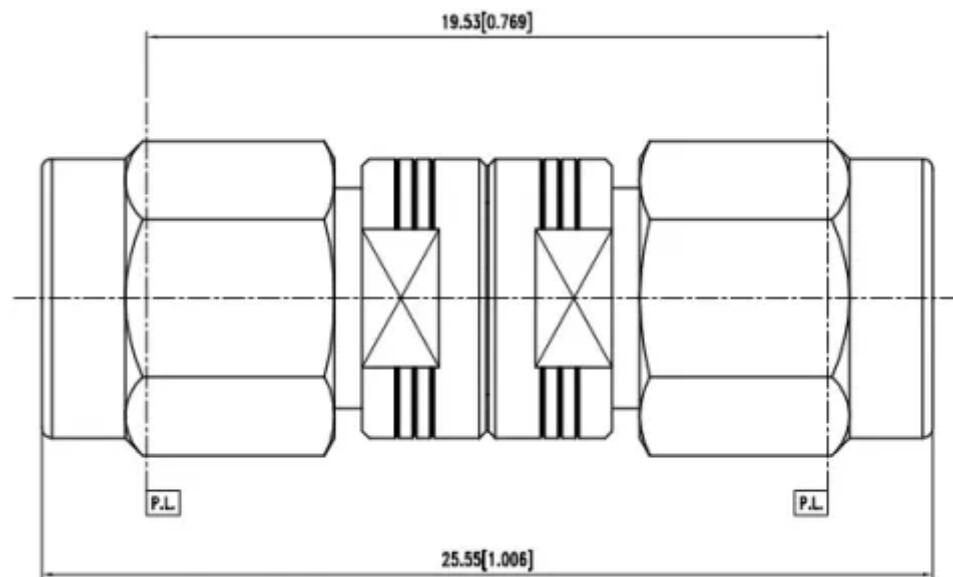
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|-----------|--------------|----------------|
| 34000 MHz | $\leq 1.2:1$ | 0.35 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: | 7 g | Max. Operating Temperature: | 105 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Mating Cycles: | > 500 |
| RoHS | | | |

Drawing



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

