

Huang Liang 3.5 mm Female to 3.5 mm Female Adapter

SKU: ACC-HL-00056

MPN: ADU1-35F1-35F1

Description

The Huang Liang 3.5 mm Female to 3.5 mm Female Adapter (Part Number: ADU1-35F1-35F1) is a high-quality 50 Ω coaxial RF adapter. This adapter features a 3.5 mm female interface on both ends, compatible with 3.5 mm male and SMA male interfaces. It supports a frequency range from 0 GHz to 34 GHz, making it suitable for various high-frequency applications.

Constructed with durable Stainless Steel (303) and a passivated finish, the adapter ensures longevity and reliability. The inner contacts are made of Beryllium Copper with Gold plating for excellent conductivity. It operates efficiently within a temperature range of -40 °C to 105 °C.

Manufactured to ISO 9001 Quality Management standards and compliant with RoHS directives, this adapter meets stringent quality and environmental regulations. Huang Liang, based in Taiwan, brings over 30 years of expertise in RF technology, providing solutions for military, telecommunications, and aerospace...

[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 Female | Straight | Free Hanging |
| 3.5 mm Female | Straight | Free Hanging |

RF Specification

| | | | |
|-----------------------|------------|---------------------------|-----------|
| Start Frequency: | 0 GHz | Input Impedance: | 50 |
| Stop Frequency: | 34 GHz | Inner Contact Resistance: | ≤ 6 mΩ |
| RF Operating Voltage: | ≥ 250 Vrms | Insulation Resistance: | ≥ 3000 mΩ |
| | | Outer Contact Resistance: | ≤ 2 mΩ |

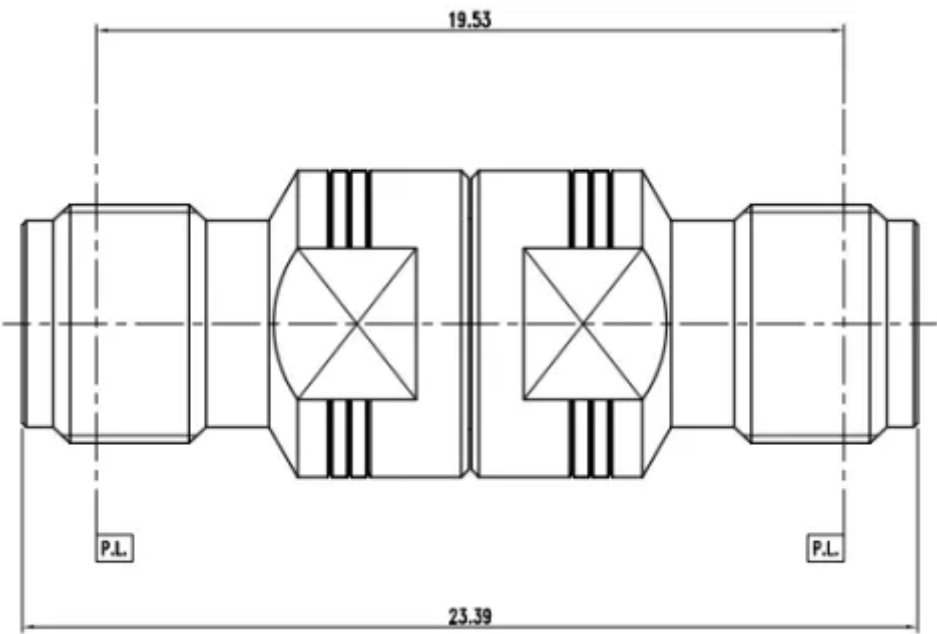
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|-----------|---------|----------------|
| 34000 MHz | ≤ 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: | 4.9 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.

