

Huang Liang 2.92 mm Female to SMA Male Adapter

SKU: ACC-HL-00049

MPN: ADU1-KF1-SMM1

Description

The Huang Liang 2.92 mm Female to SMA Male Adapter (Part Number: ADU1-KF1-SMM1) is a high-quality 50 Ω coaxial RF adapter. This adapter features a 2.92 mm Female interface and an SMA Male interface, both with straight body shapes and free-hanging mounting mechanisms. It supports an operating frequency range from 0 GHz to 26.5 GHz.

Constructed from passivated 303 stainless steel, the adapter ensures durability and reliability. The inner contacts are made of beryllium copper with gold plating for excellent conductivity. It operates effectively in temperatures ranging from -65 °C to 150 °C.

Compliant with ISO 9001 Quality Management and RoHS standards, this adapter is suitable for applications in military, telecommunications, and aerospace industries. Huang Liang, a Taiwanese manufacturer with over 30 years of experience, is known for its precision in coaxial connectors, adapters, and cable assemblies, providing unmatched expertise and...

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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 |
|----------------|------------|--------------|
| 2.92 mm Female | Straight | Free Hanging |
| SMA Male | Straight | Free Hanging |

RF Specification

| | | | |
|-----------------------|------------|---------------------------|-----------|
| Start Frequency: | 0 GHz | Input Impedance: | 50 |
| Stop Frequency: | 26.5 GHz | Inner Contact Resistance: | ≤ 6 mΩ |
| RF Operating Voltage: | ≥ 350 Vrms | Insulation Resistance: | ≥ 5000 mΩ |
| | | Outer Contact Resistance: | ≤ 2 mΩ |

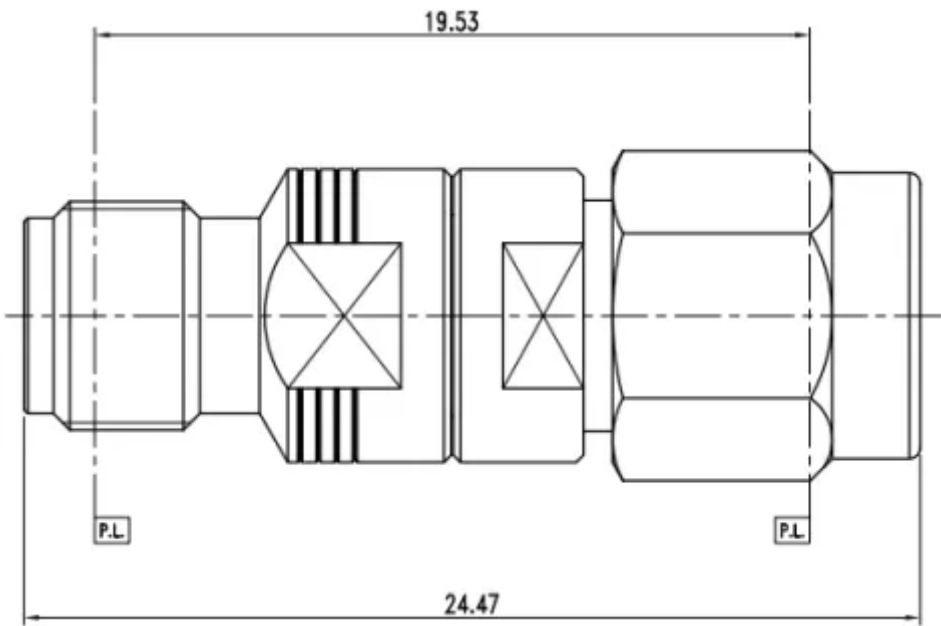
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|-----------|---------|----------------|
| 26500 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: | -65 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Max. Operating Temperature: | 150 °C |
| RoHS | | Mating Cycles: | > 500 |

Drawing



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