

Huang Liang 1.85 mm Male to SMA Male Adapter

SKU: ACC-HL-00004
 MPN: ADU1-VM1-SMM1

Description

The Huang Liang 1.85 mm Male to SMA Male Adapter (Part Number: ADU1-VM1-SMM1) is a high-quality 50 Ω coaxial RF adapter designed for a wide range of applications. Featuring a 1.85 mm Male interface compatible with 1.85 mm Female and 2.4 mm Female interfaces, and an SMA Male interface compatible with SMA Female interfaces, this adapter supports frequencies from 0 to 26.5 GHz. Constructed from stainless steel (303) with a passivated finish, and featuring gold-plated beryllium copper inner contacts, it ensures durability and reliable performance.

The adapter operates effectively in temperatures ranging from -40 °C to 105 °C. Complying with ISO 9001 Quality Management and RoHS standards, it guarantees high manufacturing quality and environmental compliance.

Huang Liang, a Taiwanese manufacturer with over 30 years of expertise in RF technology, specialises in precision coaxial connectors, adapters, and cable assemblies. They serve various...

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[RF Connector Interface](#)



| RF Interface | Body Shape | Mounting |
|--------------|------------|--------------|
| 1.85 mm Male | Straight | Free Hanging |
| SMA 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: | 26.5 GHz | Inner Contact Resistance: | ≤ 6 mΩ |
| RF Operating Voltage: | ≥ 325 Vrms | Insulation Resistance: | ≥ 3000 mΩ |
| | | Outer Contact Resistance: | ≤ 2 mΩ |

VSWR Measurement

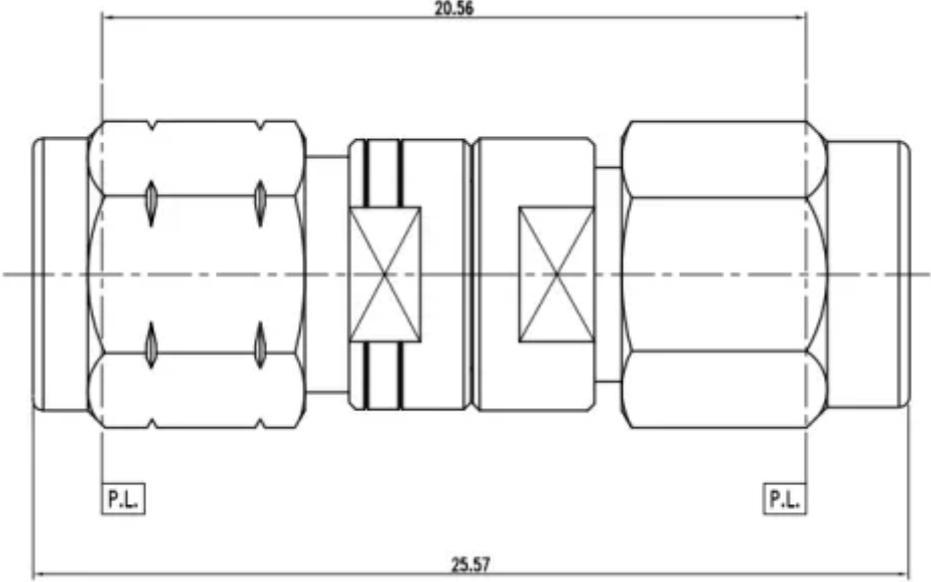
| Frequency | VSWR | Insertion Loss |
|-----------|---------|----------------|
| 26500 MHz | ≤ 1.2:1 | 0.3 dB |

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: | 5.4 g | Max. Operating Temperature: | 105 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Mating Cycles: | > 500 |

RoHS

Drawing



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