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Huang Liang 1.85 mm Male to SMA Female Adapter

SKU
ACC-HL-00003
MPN
ADU1-VM1-SMF1

Description

The Huang Liang 1.85 mm Male to SMA Female Adapter (Part Number: ADU1-VM1-SMF1) is a high-quality 50 Ω coaxial RF adapter. Designed and manufactured in Taiwan, this adapter features a 1.85 mm Male interface with a straight, free-hanging body compatible with 1.85 mm Female and 2.4 mm Female interfaces. The SMA Female interface, also straight and free-hanging, is compatible with SMA Male connectors.

The adapter supports an operating frequency range from 0 GHz to 26.5 GHz, ensuring broad applicability across various RF systems. It is constructed from durable stainless steel (303) with a passivated finish for enhanced corrosion resistance. The inner contacts are made of beryllium copper and gold-plated for excellent conductivity and reliability.

With an operating temperature range of -40 °C to 105 °C, this adapter is suitable for a wide range of environmental conditions. Certified to ISO 9001 standards and RoHS compliant, it meets rigorous...

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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
1.85 mm Male	Straight	Free Hanging
SMA Female	Straight	Free Hanging

RF Specification

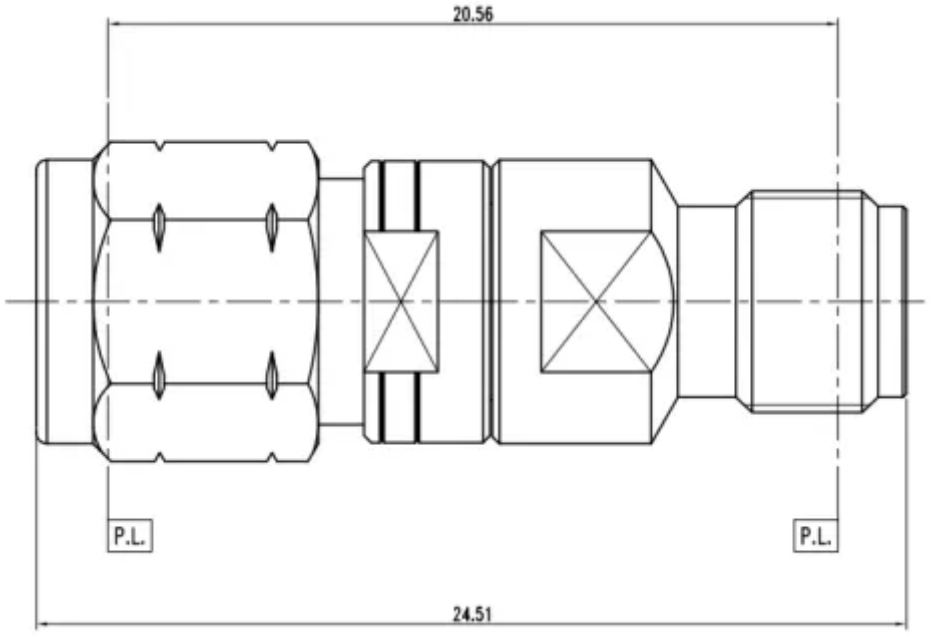
Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 325 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

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

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Weight
5.4 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Contact Material
Beryllium Copper
Contact Plating
Gold
Min. Operating Temperature
-40 °C
Max. Operating Temperature
105 °C
Mating Cycles
> 500
Drawing
Image



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