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Huang Liang 1.85 mm Female to SMA Male Adapter

SKU
ACC-HL-00014
MPN
ADU1-VF1-SMM1

Description

The Huang Liang 1.85 mm Female to SMA Male Adapter (ADU1-VF1-SMM1) is a high-quality 50 Ω coaxial RF adapter. It features a 1.85 mm Female interface and a SMA Male interface, both with a straight body shape and free-hanging mounting mechanism. The 1.85 mm Female interface is compatible with 1.85 mm Male and 2.4 mm Male interfaces, while the SMA Male interface is compatible with SMA Female interfaces.

Operating within a frequency range of 0 GHz to 26.5 GHz, the adapter is constructed from durable stainless steel (303) with a passivated finish, and its inner contacts are made of beryllium copper with gold plating. It functions reliably in temperatures from -40 °C to 105 °C.

Manufactured by Huang Liang, a reputable Taiwanese company with over 30 years of experience in RF technology, the adapter meets ISO 9001 Quality Management standards and complies with RoHS regulations. Ideal for applications in the military, telecommunications, 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
1.85 mm Female	Straight	Free Hanging
SMA Male	Straight	Free Hanging

RF Specification

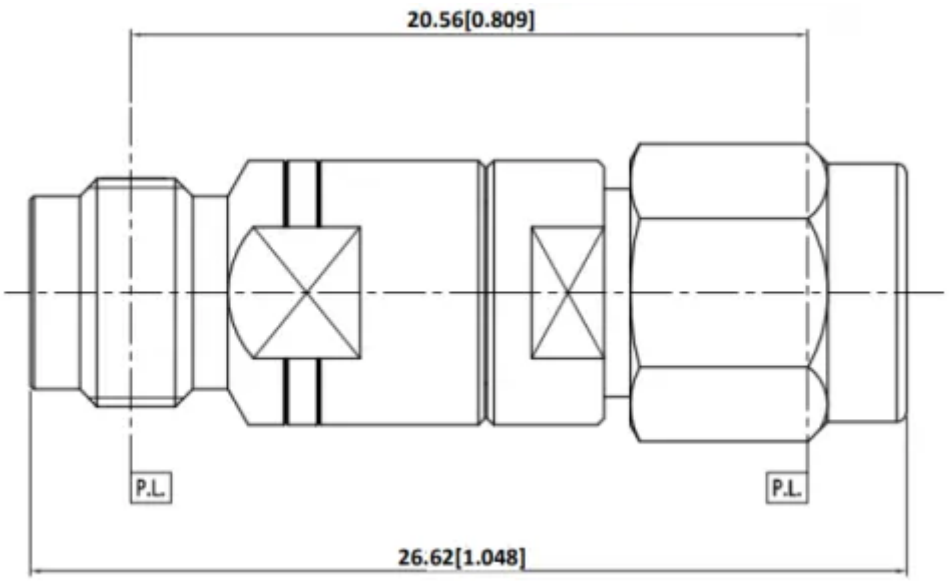
Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 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
6.9 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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