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Huang Liang 1.85 mm Female to SMA Female Adapter

SKU
ACC-HL-00013
MPN
ADU1-VF1-SMF1

Description

The Huang Liang ADU1-VF1-SMF1 is a high-quality 1.85 mm Female to SMA Female Adapter designed for precision RF applications. This 50 Ω coaxial adapter features a 1.85 mm Female interface and a SMA Female interface, both with straight body shapes and free-hanging mounting mechanisms. It is compatible with 1.85 mm Male, 2.4 mm Male, and SMA Male interfaces.

Operating within a frequency range of 0 GHz to 26.5 GHz, this adapter is built from durable Stainless Steel (303) with a passivated finish. The inner contacts are made of Beryllium Copper with Gold plating, ensuring optimal signal integrity. It performs reliably in temperatures ranging from -40°C to 105°C.

Manufactured by Huang Liang, a renowned Taiwanese company with over 30 years of expertise in RF technology, the ADU1-VF1-SMF1 adheres to ISO 9001 Quality Management standards and complies with RoHS regulations. This adapter is ideal for military, telecommunications, and aerospace...

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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 Female	Straight	Free Hanging

RF Specification

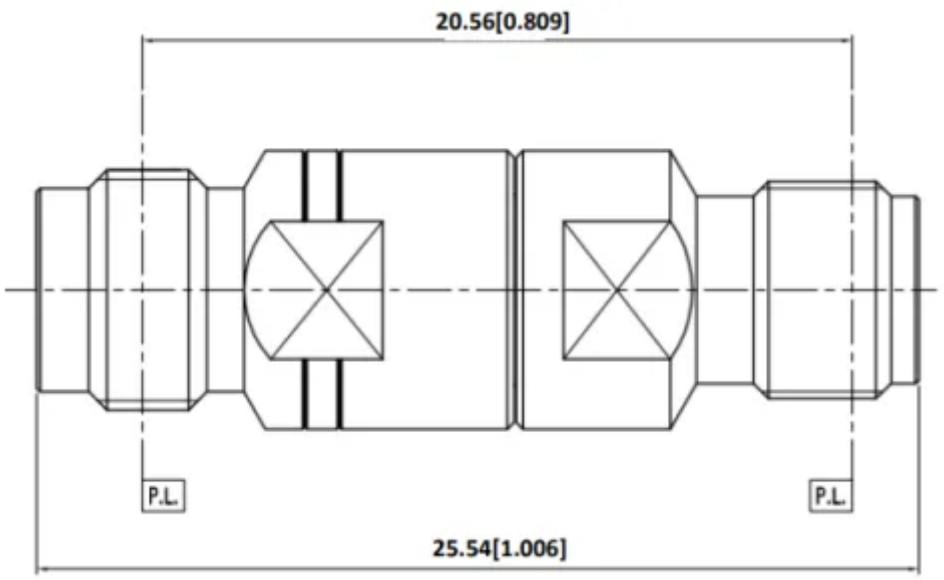
Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 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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