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Huang Liang 1.85 mm Female to 3.5 mm Male Adapter

SKU
ACC-HL-00016
MPN
ADU1-VF1-35M1

Description

The Huang Liang 1.85 mm Female to 3.5 mm Male Adapter (Part Number: ADU1-VF1-35M1) is a precision 50 Ω RF coaxial adapter. This adapter features a 1.85 mm Female interface and a 3.5 mm Male interface, both with straight body shapes and free-hanging mounting mechanisms. It is compatible with 1.85 mm Male, 2.4 mm Male, 3.5 mm Female, and SMA Female interfaces.

The adapter operates within a frequency range of 0 GHz to 34 GHz, ensuring reliable performance across a broad spectrum. The housing is constructed from Stainless Steel (303) with a passivated finish for enhanced durability, while the inner contacts are made of Beryllium Copper with Gold plating for superior conductivity. It functions efficiently in temperatures ranging from -40 °C to 105 °C.

Manufactured to comply with ISO 9001 Quality Management standards and RoHS regulations, the adapter guarantees high quality and environmental safety.

Huang Liang, based in Taiwan, is renowned for...

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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
3.5 mm Male	Straight	Free Hanging

RF Specification

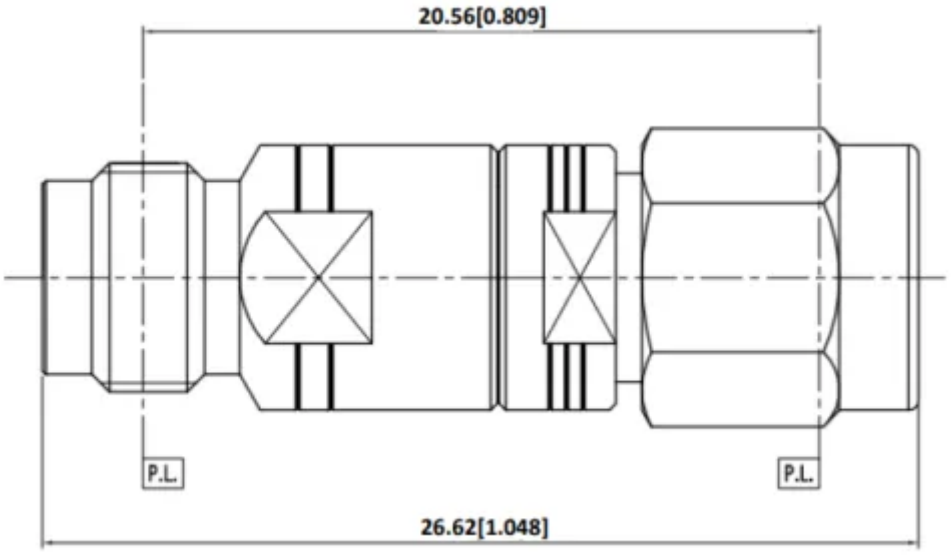
Start Frequency
0 GHz
Stop Frequency
34 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
34000 MHz	≤ 1.2:1	0.35 dB

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Weight
6.8 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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