Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

Huang Liang 1.85 mm Male to 3.5 mm Female Adapter

SKU
ACC-HL-00005
MPN
ADU1-VM1-35F1

Description

The Huang Liang 1.85 mm Male to 3.5 mm Female Adapter (Part No: ADU1-VM1-35F1) is a high-quality, 50 Ω coaxial RF adapter. Designed for versatility, it features a 1.85 mm Male interface that is compatible with 1.85 mm Female, 2.4 mm Female connectors, and a 3.5 mm Female interface compatible with 3.5 mm Male, SMA Male connectors. Both interfaces have a straight, free-hanging design.

Operating within a frequency range of 0 GHz to 34 GHz, this adapter is suitable for various high-frequency applications. It is constructed from durable Stainless Steel (303) with a passivated finish for enhanced corrosion resistance. The inner contacts are made of Beryllium Copper with Gold plating to ensure excellent electrical conductivity and reliability.

The adapter can function in a temperature range from -40 °C to 105 °C, making it ideal for harsh environments. It complies with ISO 9001 Quality Management and RoHS standards, ensuring high-quality and...

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Huang Liang
TECHNOLOGIES CO., LTD.

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
3.5 mm Female	Straight	Free Hanging

RF Specification

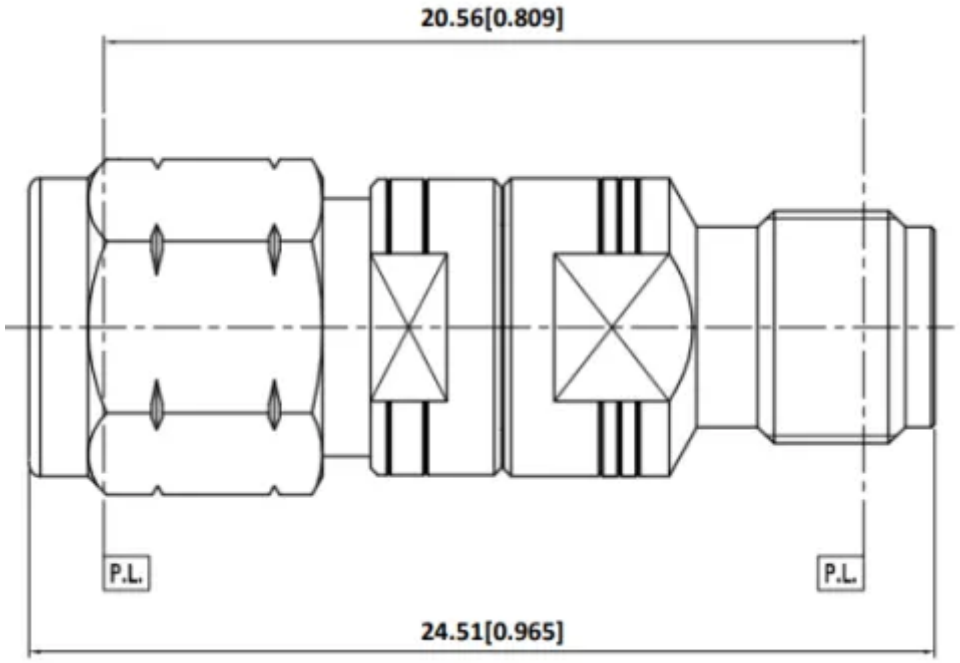
Start Frequency
0 GHz
Stop Frequency
34 GHz
RF Operating Voltage
≥ 325 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

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

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Weight
6.4 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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