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 3.5 mm Female to SMA Female Adapter

SKU
ACC-HL-00054
MPN
ADU1-35F1-SMF1

Description

The Huang Liang 3.5 mm Female to SMA Female Adapter (ADU1-35F1-SMF1) is a high-quality 50 Ω coaxial RF adapter. It features a 3.5 mm Female interface and SMA Female interface, both with straight body shapes and free-hanging mounting mechanisms. The adapter is compatible with 3.5 mm Male and SMA Male interfaces, offering versatility in various applications.

Operating across a frequency range of 0 GHz to 26.5 GHz, this adapter ensures reliable performance in high-frequency environments. It is constructed from Stainless Steel (303) with a passivated finish for durability, while the inner contacts are made of Beryllium Copper with gold plating for excellent conductivity.

Designed to withstand temperatures from -40 °C to 105 °C, the adapter is suitable for diverse environmental conditions. It meets ISO 9001 Quality Management standards and complies with RoHS regulations, ensuring high manufacturing quality and safety.

Huang Liang, a Taiwanese...

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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
3.5 mm Female	Straight	Free Hanging
SMA Female	Straight	Free Hanging

RF Specification

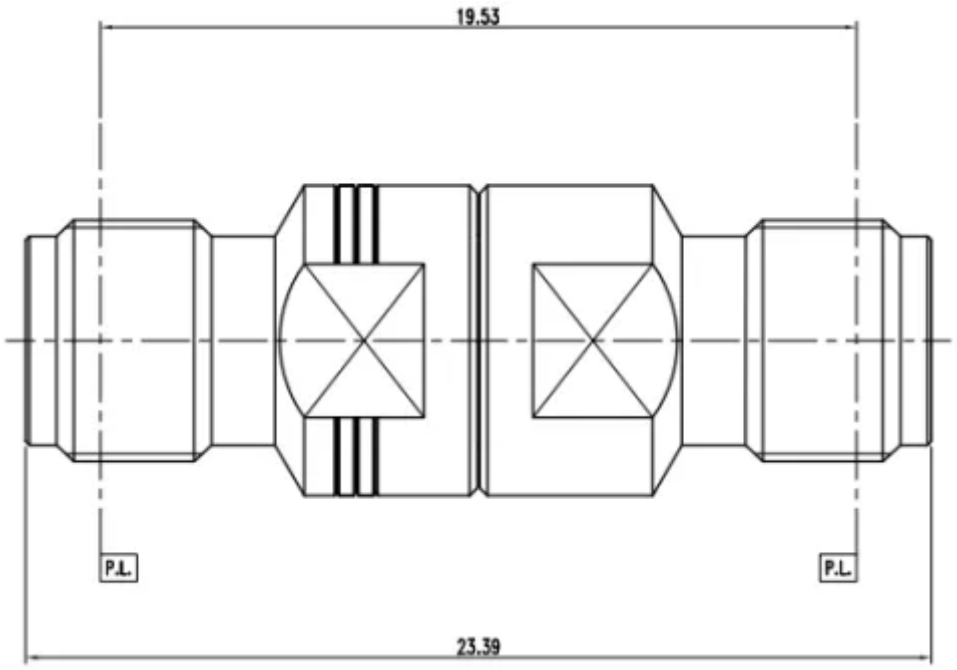
Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 MHz	≤ 1.2:1	0.31 dB

Physical Specification

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