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 Male Adapter

SKU
ACC-HL-00055
MPN
ADU1-35F1-SMM1

Description

The Huang Liang 3.5 mm Female to SMA Male Adapter (Part Number: ADU1-35F1-SMM1) is a high-quality, 50 Ω coaxial RF adapter suitable for various applications. It features a 3.5 mm Female straight body interface compatible with 3.5 mm Male and SMA Male connectors, and a SMA Male straight body interface compatible with SMA Female connectors. The adapter operates across a frequency range of 0 GHz to 26.5 GHz and is designed for free hanging mounting.

Constructed from stainless steel (303) with a passivated finish and gold-plated beryllium copper inner contacts, the adapter ensures durability and excellent conductivity. It functions efficiently within a temperature range of -40 °C to 105 °C and meets ISO 9001 Quality Management and RoHS standards, guaranteeing reliability and compliance.

Manufactured by Huang Liang, a renowned Taiwanese company with over 30 years of expertise in RF technology, this adapter is ideal for use in military...

Read More



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 Male	Straight	Free Hanging

RF Specification

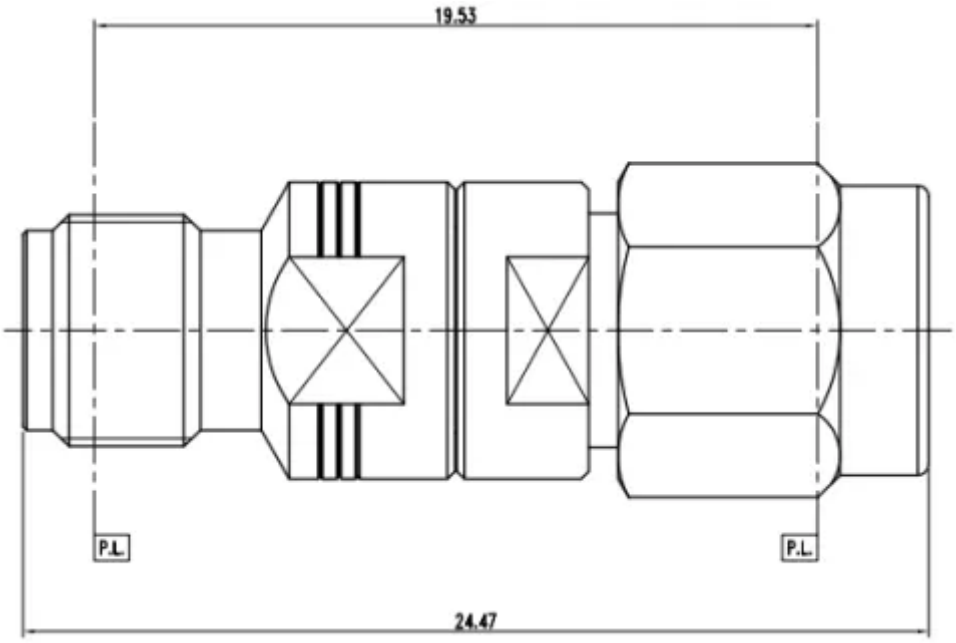
Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 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
7 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



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

