

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...

Read More



Huang Liang

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

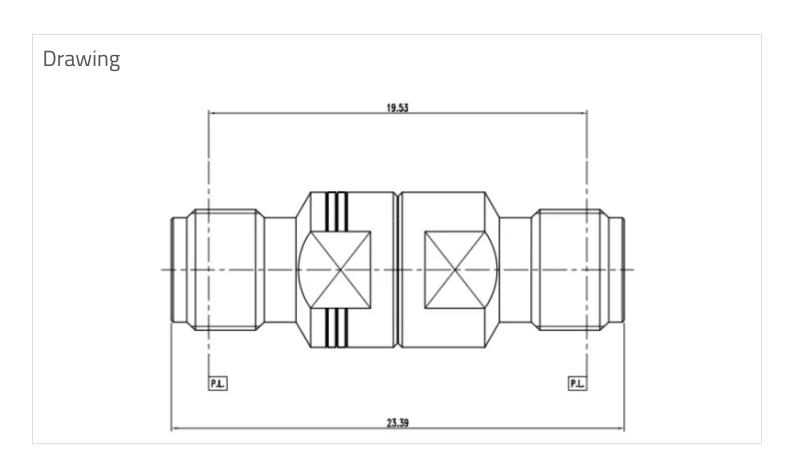
Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	26.5 GHz	Inner Contact Resistance:	≤ 6 mΩ
RF Operating Voltage:	≥ 250 Vrms	Insulation Resistance:	≥ 3000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

VSWR Measurement

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

Physical Specification

Body Material:	Stainless Steel (303)	Contact Material:	Beryllium Copper
Body Plating:	Passivated	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-40 °C
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	105 °C
RoHS	,	Mating Cycles:	> 500



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.

