

Huang Liang 2.92 mm Female to SMA Male Adapter

SKU: ACC-HL-00049

MPN: ADU1-KF1-SMM1

Description

The Huang Liang 2.92 mm Female to SMA Male Adapter (Part Number: ADU1-KF1-SMM1) is a high-quality 50 Ω coaxial RF adapter. This adapter features a 2.92 mm Female interface and an SMA Male interface, both with straight body shapes and free-hanging mounting mechanisms. It supports an operating frequency range from 0 GHz to 26.5 GHz.

Constructed from passivated 303 stainless steel, the adapter ensures durability and reliability. The inner contacts are made of beryllium copper with gold plating for excellent conductivity. It operates effectively in temperatures ranging from -65 °C to 150 °C.

Compliant with ISO 9001 Quality Management and RoHS standards, this adapter is suitable for applications in military, telecommunications, and aerospace industries. Huang Liang, a Taiwanese manufacturer with over 30 years of experience, is known for its precision in coaxial connectors, adapters, and cable assemblies, providing unmatched expertise and...

[Read More](#)

RF Connector Interface



RF Interface	Body Shape	Mounting
2.92 mm Female	Straight	Free Hanging
SMA Male	Straight	Free Hanging

RF Specification



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 ...

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	26.5 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 350 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

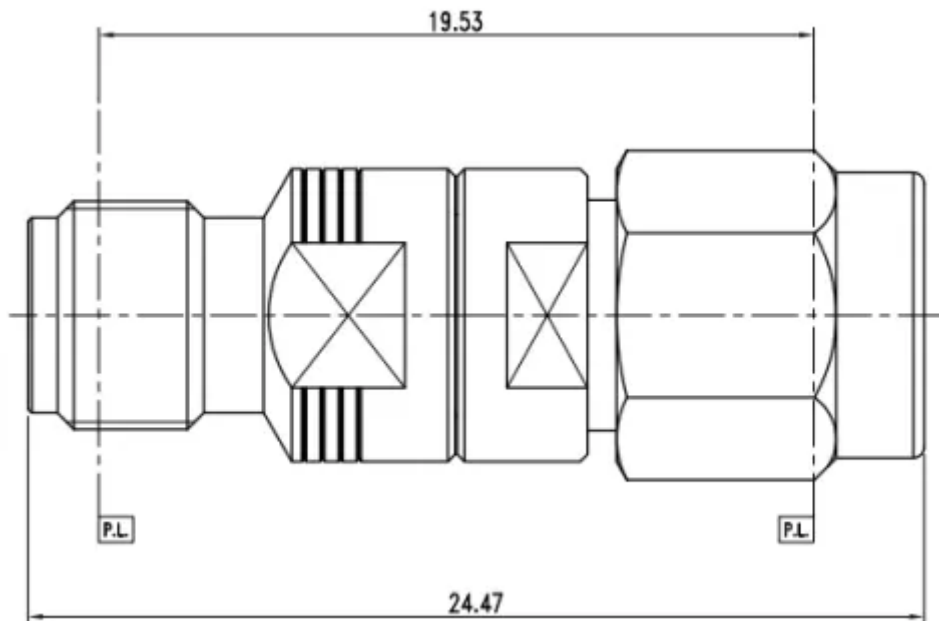
VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 MHz	$\leq 1.2:1$	0.25 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:	$-65 \text{ }^\circ\text{C}$
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	$150 \text{ }^\circ\text{C}$
RoHS		Mating Cycles:	> 500

Drawing



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.

