

Huang Liang 1.85 mm Male to 2.92 mm Male Adapter

SKU: ACC-HL-00008
 MPN: ADU1-VM1-KM1

Description

The Huang Liang ADU1-VM1-KM1 is a high-quality 50 Ω coaxial RF adapter with a 1.85 mm Male to 2.92 mm Male interface. It supports connections with 1.85 mm and 2.4 mm Female interfaces on one side and 2.92 mm Female interfaces on the other. The adapter operates across a frequency range of 0 GHz to 40 GHz, making it suitable for a variety of high-frequency applications.

Constructed from Stainless Steel (303) with a passivated finish, this adapter ensures durability and corrosion resistance. The inner contacts are crafted from Beryllium Copper and finished with gold plating, providing excellent conductivity and signal integrity. It is designed to operate in temperatures ranging from -40 °C to 105 °C, making it versatile for different environments.

Manufactured in compliance with ISO 9001 quality standards and RoHS, the Huang Liang ADU1-VM1-KM1 guarantees reliability and adherence to international safety norms. With over 30 years in the RF...

[Read More](#)

RF Connector Interface



RF Interface	Body Shape	Mounting
1.85 mm Male	Straight	Free Hanging
2.92 mm 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:	40 GHz	Inner Contact Resistance:	≤ 6 mΩ
RF Operating Voltage:	≥ 250 Vrms	Insulation Resistance:	≥ 3000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

VSWR Measurement

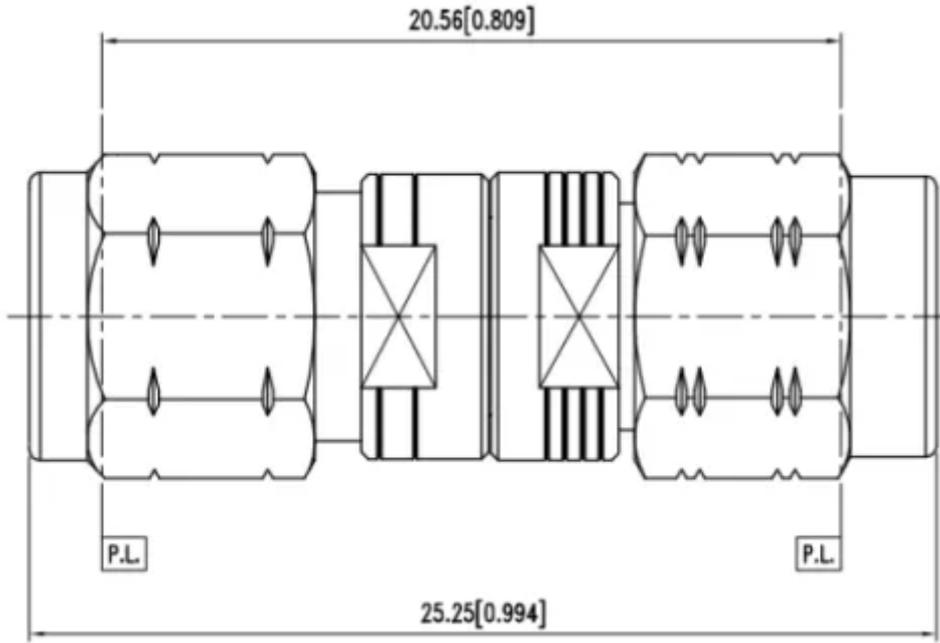
Frequency	VSWR	Insertion Loss
40000 MHz	≤ 1.2:1	0.38 dB

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
Weight:	5.5 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500

RoHS

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.

