

Huang Liang 1.85 mm Male to SMA Male Adapter

SKU: ACC-HL-00004
 MPN: ADU1-VM1-SMM1

Description

The Huang Liang 1.85 mm Male to SMA Male Adapter (Part Number: ADU1-VM1-SMM1) is a high-quality 50 Ω coaxial RF adapter designed for a wide range of applications. Featuring a 1.85 mm Male interface compatible with 1.85 mm Female and 2.4 mm Female interfaces, and an SMA Male interface compatible with SMA Female interfaces, this adapter supports frequencies from 0 to 26.5 GHz. Constructed from stainless steel (303) with a passivated finish, and featuring gold-plated beryllium copper inner contacts, it ensures durability and reliable performance.

The adapter operates effectively in temperatures ranging from -40 °C to 105 °C. Complying with ISO 9001 Quality Management and RoHS standards, it guarantees high manufacturing quality and environmental compliance.

Huang Liang, a Taiwanese manufacturer with over 30 years of expertise in RF technology, specialises in precision coaxial connectors, adapters, and cable assemblies. They serve various...

[Read More](#)

[RF Connector Interface](#)



RF Interface	Body Shape	Mounting
1.85 mm Male	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:	$\geq 325 \text{ Vrms}$	Insulation Resistance:	$\geq 3000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

VSWR Measurement

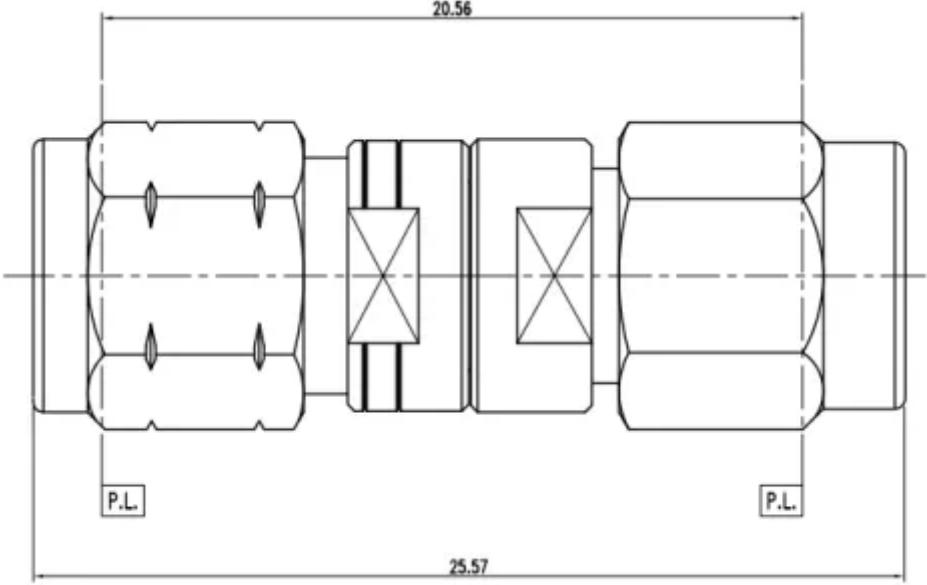
Frequency	VSWR	Insertion Loss
26500 MHz	$\leq 1.2:1$	0.3 dB

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:	5.4 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.

