

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...

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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
1.85 mm Male	Straight	Free Hanging
SMA Male	Straight	Free Hanging

RF Specification

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:	$\leq 2 \text{ m}\Omega$

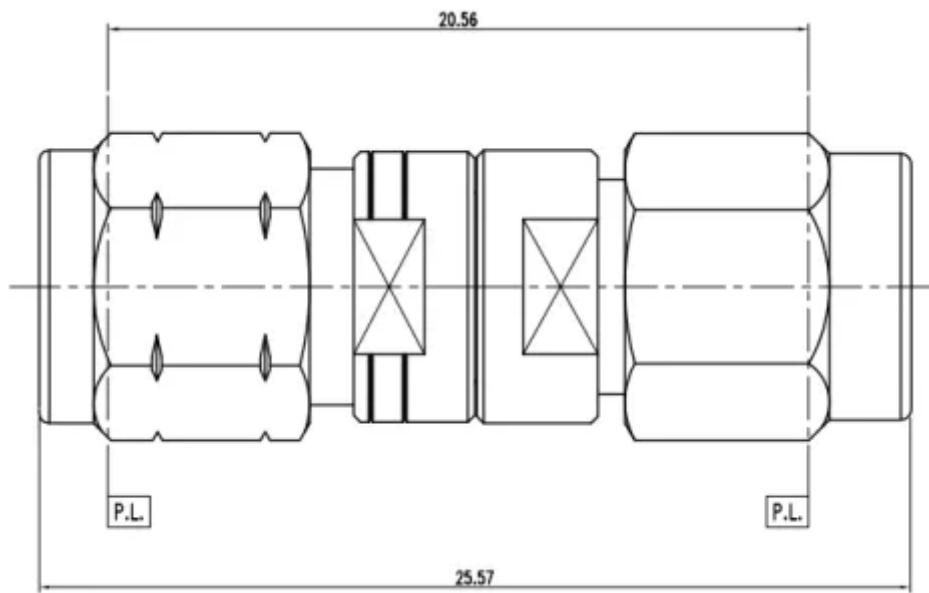
VSWR Measurement

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



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