

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 2.4 mm Male to SMA Male Adapter

SKU: ACC-HL-00023 MPN: ADU1-QM1-SMM1

Description

The Huang Liang 2.4 mm Male to SMA Male Adapter (Part Number: ADU1-QM1-SMM1) is a high-quality 50 Ω coaxial RF adapter. It features a 2.4 mm Male interface with a straight body and free-hanging mounting, compatible with 2.4 mm Male and 1.85 mm Female interfaces. On the other end, it has an SMA Male interface with a straight body and free-hanging mounting, compatible with SMA Female interfaces. The adapter operates within a frequency range of 0 GHz to 26.5 GHz, making it suited for various high-frequency applications.

Constructed from 303 Stainless Steel with a passivated finish, it ensures durability and resistance to corrosion. The inner contacts are made from Beryllium Copper with Gold plating, providing excellent conductivity. The adapter performs reliably in temperature ranges from -65 °C to 150 °C.

This product adheres to ISO 9001 Quality Management standards and is RoHS compliant, ensuring superior quality and safety.

Huang Liang, a...

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
2.4 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:	≤ 6 mΩ
RF Operating Voltage:	≥ 350 Vrms	Insulation Resistance:	≥ 5000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

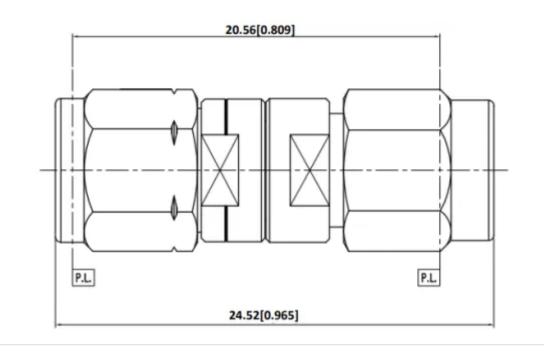
VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 MHz	≤ 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 °C
	Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	150 °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.

