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Huang Liang 2.4 mm Male to 2.4 mm Female Adapter

SKU: ACC-HL-00028
MPN: ADU2-QM1-QF1

Description

The Huang Liang 2.4 mm Male to 2.4 mm Female Adapter (Part Number: ADU2-QM1-QF1) is a high-quality 50 Ω coaxial RF adapter. It features a 2.4 mm Male straight body interface, compatible with 2.4 mm Male and 1.85 mm Female connections, and a 2.4 mm Female straight body interface, compatible with 2.4 mm Male and 1.85 mm Male connections. The adapter's operating frequency range is from 0 GHz to 50 GHz, making it suitable for a wide range of RF applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and resistance to corrosion. The inner contacts are made of beryllium copper with gold plating, ensuring reliable and high-performance electrical connections. It operates effectively in temperatures ranging from -40 °C to 105 °C.

Manufactured to ISO 9001 quality management standards and compliant with RoHS directives, this adapter guarantees quality and environmental safety. Huang Liang, based...

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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
2.4 mm Male	Straight	Free Hanging
2.4 mm Female	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	50 GHz	Inner Contact Resistance:	≤ 6 mΩ
RF Operating Voltage:	≥ 250 Vrms	Insulation Resistance:	≥ 3000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

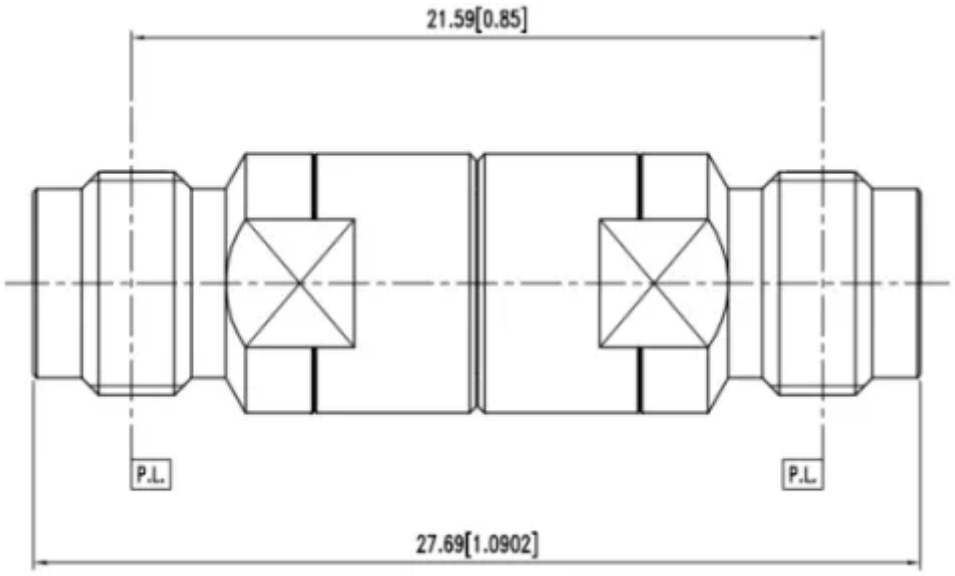
VSWR Measurement

Frequency	VSWR	Insertion Loss
50000 MHz	≤ 1.25:1	0.42 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:	7.3 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management , RoHS	Mating Cycles:	> 500

Drawing



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