

Huang Liang 1.85 mm Male to 1.85 mm Male Adapter

SKU: ACC-HL-00012

MPN: ADU2-VM1-VM1

Description

The Huang Liang ADU2-VM1-VM1 is a high-quality 1.85 mm male-to-male coaxial RF adapter, designed and manufactured by Huang Liang in Taiwan. This adapter features a straight body shape with a free-hanging mounting mechanism, making it compatible with 1.85 mm female interfaces on both ends. It operates within a frequency range of 0 to 65 GHz, ensuring versatile use across various applications.

Constructed from 303 stainless steel with a passivated finish, the adapter offers excellent durability and corrosion resistance. Its inner contacts are made of beryllium copper, plated with gold to enhance conductivity and performance. The adapter is capable of operating in temperatures ranging from -40°C to 105°C, suiting both extreme and standard environmental conditions.

Huang Liang's ADU2-VM1-VM1 adapter complies with ISO 9001 Quality Management standards, guaranteeing reliable performance and quality. With over 30 years of expertise in RF...

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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
1.85 mm Male	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	65 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 250 \text{ Vrms}$	Insulation Resistance:	$\geq 3000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

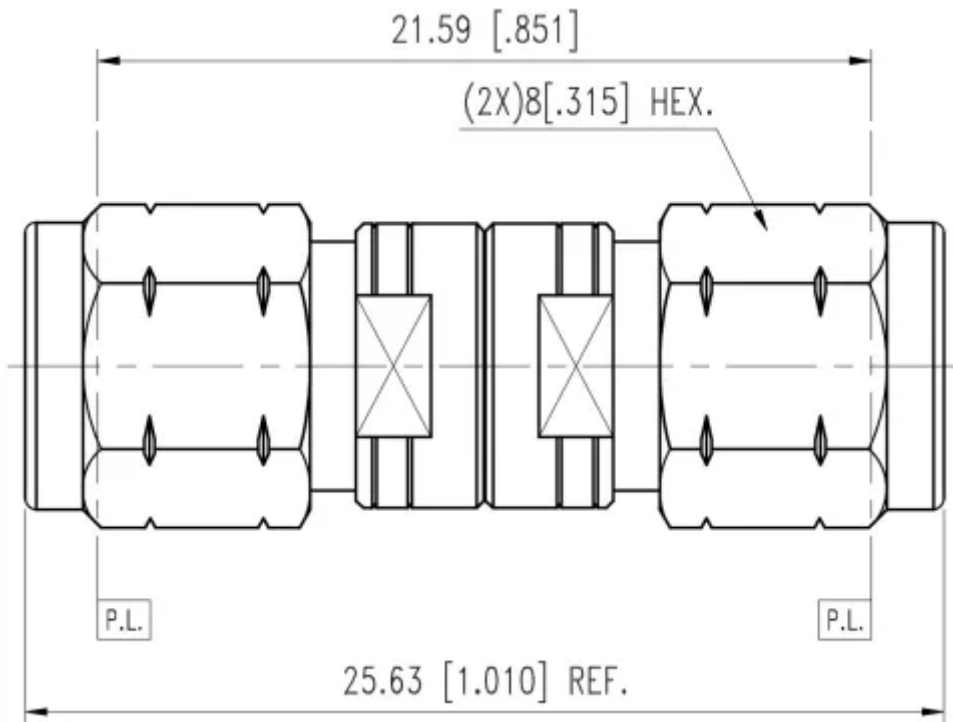
VSWR Measurement

Frequency	VSWR	Insertion Loss
65000 MHz	$\leq 1.25:1$	0.48 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:	6.3 g	Max. Operating Temperature:	105 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



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