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Huang Liang 1.85 mm Male to 2.92 mm Female Adapter

SKU
ACC-HL-00007
MPN
ADU1-VM1-KF1

Description

The Huang Liang 1.85 mm Male to 2.92 mm Female Adapter (ADU1-VM1-KF1) is a high-quality 50 Ω coaxial RF adapter designed for robust performance. This adapter features a 1.85 mm Male interface with a straight body and free-hanging mounting, compatible with 1.85 mm Female and 2.4 mm Female interfaces. The 2.92 mm Female interface also has a straight body and free-hanging mounting, compatible with 2.92 mm Male interfaces. It operates across a frequency range of 0 GHz to 40 GHz, ensuring versatile application in various RF environments.

Constructed from Stainless Steel (303) with a passivated finish for enhanced durability, the adapter's inner contacts are made from Beryllium Copper with gold plating, providing reliable conductivity and longevity. It performs efficiently in temperature ranges from -40 °C to 105 °C. The product adheres to ISO 9001 Quality Management standards and is RoHS compliant, ensuring both quality and environmental...

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Huang Liang
TECHNOLOGIES CO., LTD.

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
2.92 mm Female	Straight	Free Hanging

RF Specification

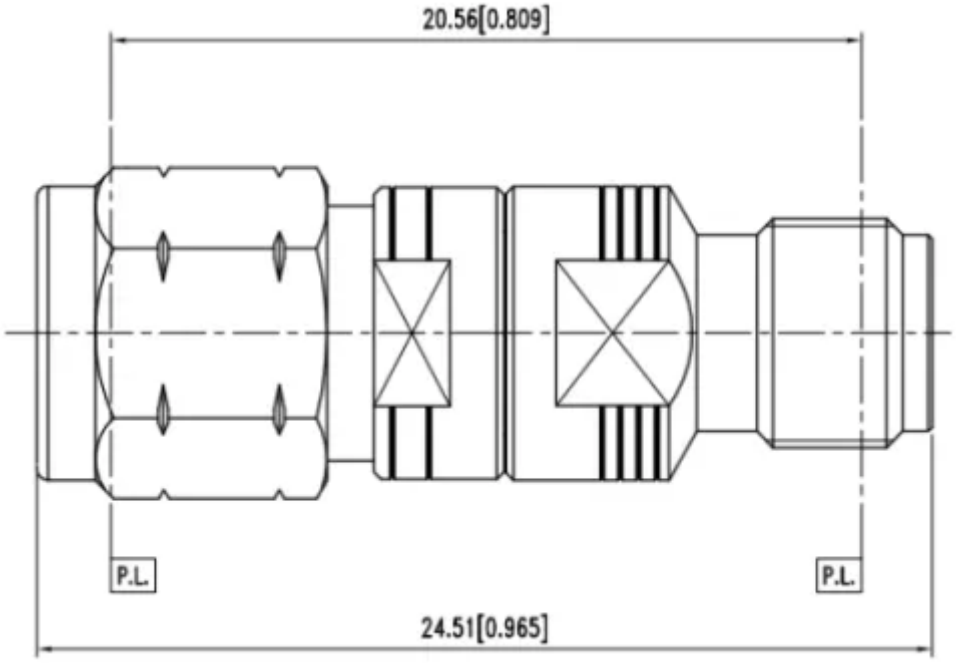
Start Frequency
0 GHz
Stop Frequency
40 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
40000 MHz	≤ 1.2:1	0.38 dB

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Weight
5.5 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Contact Material
Beryllium Copper
Contact Plating
Gold
Min. Operating Temperature
-40 °C
Max. Operating Temperature
105 °C
Mating Cycles
> 500
Drawing
Image



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