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Huang Liang 1.85 mm Female to 2.92 mm Male Adapter

SKU
ACC-HL-00018
MPN
ADU1-VF1-KM1

Description

The Huang Liang ADU1-VF1-KM1 Adapter is a 50 Ω coaxial RF adapter designed for high-frequency applications, featuring a 1.85 mm Female to 2.92 mm Male connection. This adapter operates within a frequency range of 0 GHz to 40 GHz, ensuring optimal performance across various RF environments.

Constructed from Stainless Steel (303) with a Passivated finish, it offers durability and resistance to corrosion. The inner contacts, made from Beryllium Copper with Gold plating, guarantee excellent conductivity and reliability. It is suitable for extreme environments, with an operational temperature range of -65 °C to 150 °C.

The adapter's straight body design facilitates a free-hanging mounting mechanism, compatible with 1.85 mm Male, 2.4 mm Male, and 2.92 mm Female interfaces. Manufactured in compliance with ISO 9001 Quality Management and RoHS standards, it meets rigorous quality and environmental requirements.

Huang Liang, a Taiwanese leader in...

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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 Female	Straight	Free Hanging
2.92 mm Male	Straight	Free Hanging

RF Specification

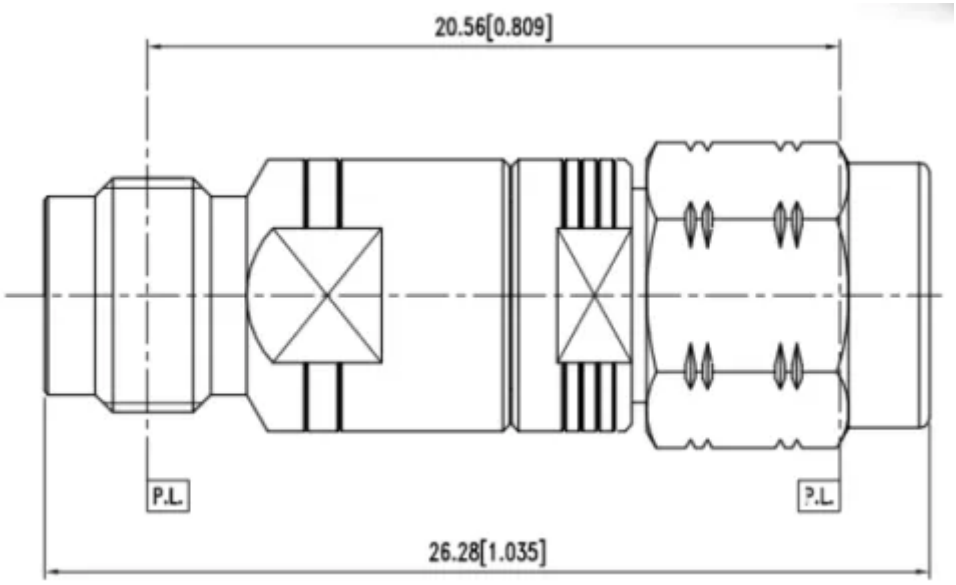
Start Frequency
0 GHz
Stop Frequency
40 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 3 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
40000 MHz	≤ 1.2:1	0.25 dB

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Contact Material
Beryllium Copper
Contact Plating
Gold
Min. Operating Temperature
-65 °C
Max. Operating Temperature
150 °C
Mating Cycles
> 500
Drawing
Image



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