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Huang Liang 2.92 mm Male to SMA Female Adapter

SKU
ACC-HL-00037
MPN
ADU1-KM1-SMF1

Description

The Huang Liang 2.92 mm Male to SMA Female Adapter (Part Number: ADU1-KM1-SMF1) is a 50 Ω coaxial RF adapter designed for robust performance. Featuring a 2.92 mm Male interface and a SMA Female interface, both with a straight body and free hanging mounting mechanism, this adapter ensures compatibility with corresponding 2.92 mm Female and SMA Male connectors. It operates efficiently across a wide frequency range from 0 GHz to 26.5 GHz.

Constructed from Stainless Steel (303) with a passivated finish, the adapter delivers durability, while its Beryllium Copper inner contacts with Gold plating ensure excellent conductivity and reliability. It performs reliably in harsh environments with an operating temperature range of -65 °C to 150 °C. This product is manufactured in compliance with ISO 9001 Quality Management standards and is RoHS compliant, reflecting its high quality and safety standards.

Ideal for applications in military...

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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
2.92 mm Male	Straight	Free Hanging
SMA Female	Straight	Free Hanging

RF Specification

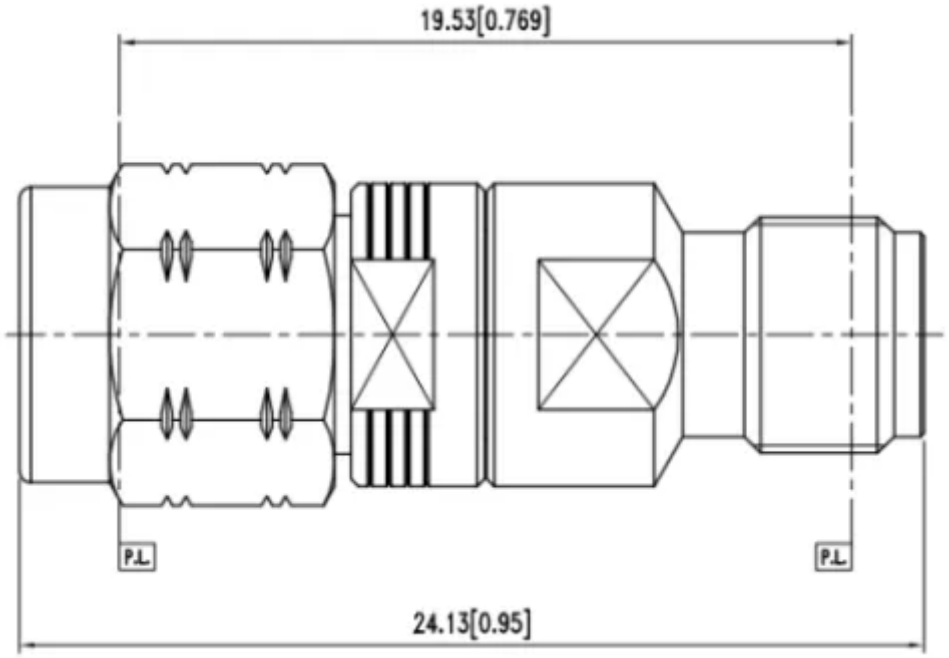
Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 MHz	≤ 1.2:1	0.25 dB

Physical Specification

Body Material
Stainless Steel (303)
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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