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Huang Liang 2.92 mm Male to 3.5 mm Male Adapter

SKU
ACC-HL-00040
MPN
ADU1-KM1-35M1

Description

The Huang Liang 2.92 mm Male to 3.5 mm Male Adapter (Part Number: ADU1-KM1-35M1) is a high-quality 50 Ω coaxial RF adapter. It features a 2.92 mm male interface and a 3.5 mm male interface, both with straight body shapes and free-hanging mounting mechanisms. These interfaces are compatible with 2.92 mm female and 3.5 mm female or SMA female counterparts. The adapter supports an operating frequency range from 0 GHz to 34 GHz.

Constructed from Stainless Steel (303) with a passivated finish, the adapter ensures durability and corrosion resistance. The inner contacts are made of Beryllium Copper with gold plating, providing excellent conductivity and performance. It operates reliably within a temperature range of -65 °C to 150 °C.

This adapter complies with ISO 9001 Quality Management and RoHS standards, underscoring its quality and environmental compliance. Huang Liang, a Taiwanese manufacturer with over 30 years of expertise, specialises 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

[2.92 mm Male Straight](#) [Free Hanging](#)

[3.5 mm Male Straight](#) [Free Hanging](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

34 GHz

RF Operating Voltage

≥ 350 Vrms

Input Impedance

50 Ω

Inner Contact Resistance

≤ 3 m Ω

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

Outer Contact Resistance

$\leq 2 \text{ m}\Omega$

VSWR Measurement

Frequency VSWR Insertion Loss

34000 MHz $\leq 1.2:1$ 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

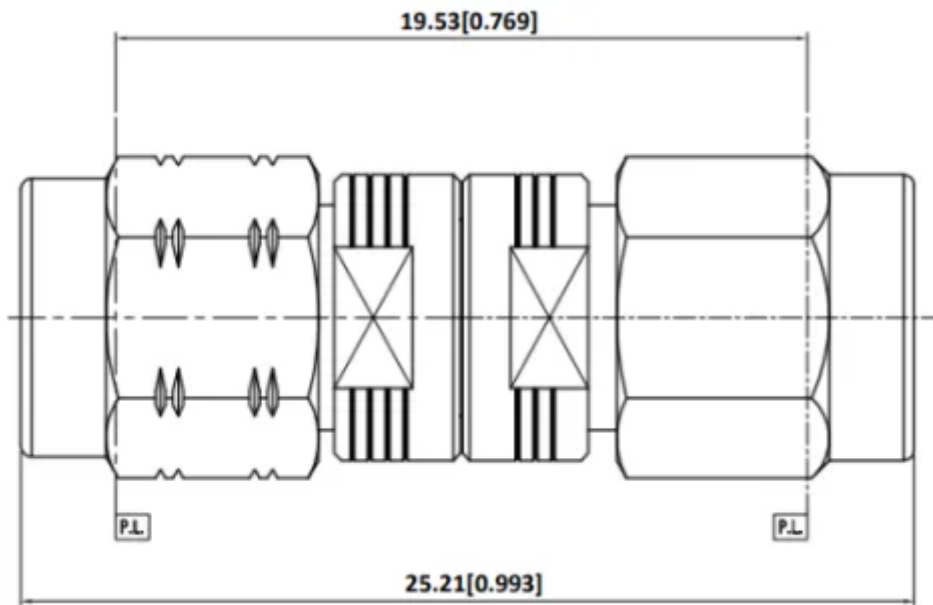
150 °C

Mating Cycles

> 500

Drawing

Image



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