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# Huang Liang 2.4 mm Female to 3.5 mm Male Adapter

SKU
ACC-HL-00033
MPN
ADU1-QF1-35M1

**Description**

The Huang Liang ADU1-QF1-35M1 Adapter is a high-quality 2.4 mm Female to 3.5 mm Male coaxial RF adapter designed for versatile connectivity. This 50 Ω adapter supports frequencies from 0 GHz to 34 GHz, making it suitable for a wide range of RF applications, including telecommunications, military, and aerospace industries.

Featuring a straight body shape and a free-hanging mounting mechanism, this adapter ensures compatibility with 2.4 mm Male, 1.85 mm Male, 3.5 mm Female, and SMA Female interfaces. Constructed from durable Stainless Steel (303) with a passivated finish, it offers excellent resistance to corrosion. The inner contacts are made from Beryllium Copper and are gold-plated for superior conductivity.

Engineered to operate in temperatures ranging from -40 °C to 105 °C, the ADU1-QF1-35M1 adapter is built to withstand harsh environmental conditions. Manufactured in compliance with ISO 9001 Quality Management standards and RoHS...

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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 |
|---|---|---|
| 2.4 mm Female | Straight | Free Hanging |
| 3.5 mm Male | Straight | Free Hanging |

# RF Specification

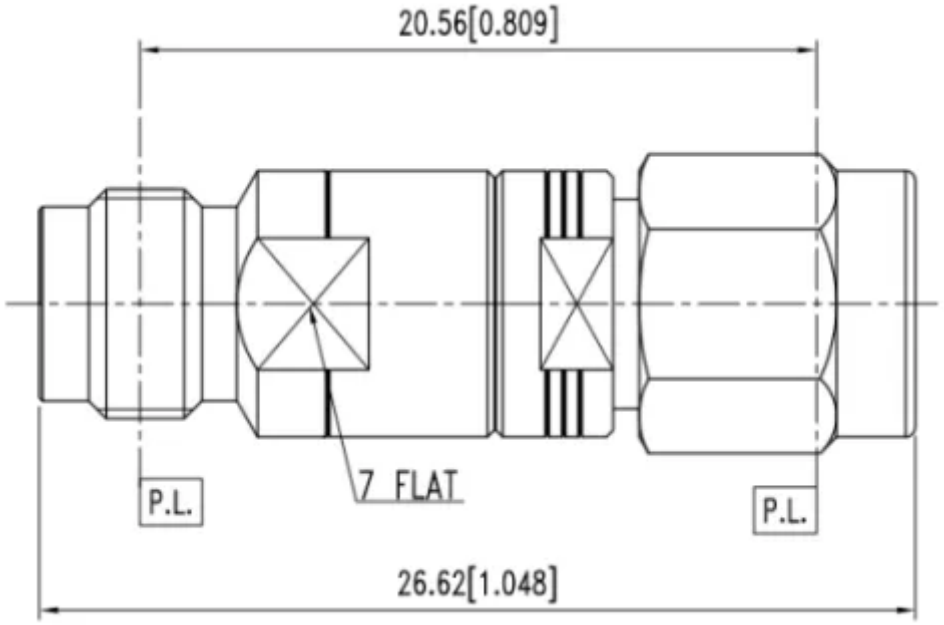
Start Frequency
0 GHz
Stop Frequency
34 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
| --- | --- | --- |
| 34000 MHz | ≤ 1.2:1 | 0.35 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
-40 °C
Max. Operating Temperature
105 °C
Mating Cycles
> 500
Drawing
Image




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