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Huang Liang 1.85 mm Male to 2.4 mm Female Adapter

SKU
ACC-HL-00009
MPN
ADU2-VM1-QF1

Description

The Huang Liang 1.85 mm Male to 2.4 mm Female Adapter (ADU2-VM1-QF1) is a high-performance 50 Ω coaxial RF adapter. Designed for versatility, it features a 1.85 mm male interface and a 2.4 mm female interface, both with straight bodies and free-hanging mounts. This adapter supports connections with 1.85 mm female, 2.4 mm female, 2.4 mm male, and 1.85 mm male interfaces, offering extensive compatibility.

Operating within a frequency range of 0 GHz to 50 GHz, this adapter ensures reliable performance across a wide spectrum. It is constructed from stainless steel (303) with a passivated finish, providing robust durability. The inner contacts are made of beryllium copper with gold plating, ensuring excellent conductivity and longevity. It functions efficiently in temperatures ranging from -40 °C to 105 °C.

Manufactured in compliance with ISO 9001 Quality Management standards and RoHS directives, this adapter meets rigorous quality and...

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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
2.4 mm Female	Straight	Free Hanging

RF Specification

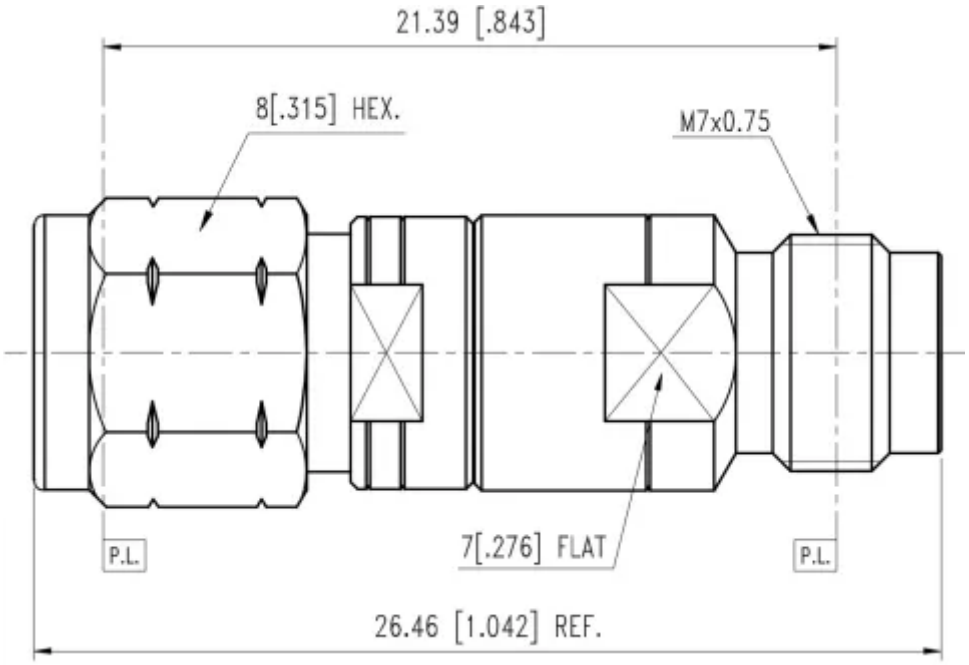
Start Frequency
0 GHz
Stop Frequency
50 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
50000 MHz	≤ 1.25:1	0.42 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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