Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

Huang Liang 1.85 mm Male to 1.85 mm Female Adapter

SKU
ACC-HL-00011
MPN
ADU2-VM1-VF1

Description

The Huang Liang 1.85 mm Male to 1.85 mm Female Adapter (Part Number: ADU2-VM1-VF1) is a high-quality 50 Ω coaxial RF adapter. It features a straight body shape and a free-hanging mounting mechanism, compatible with 1.85 mm Female and 2.4 mm Female interfaces. The adapter operates within a frequency range of 0 GHz to 65 GHz, providing reliable performance across a wide spectrum.

Constructed from Stainless Steel (303) with a passivated finish, the adapter ensures durability and resistance to corrosion. The inner contacts are made of Beryllium Copper with Gold plating, enhancing conductivity and signal integrity. It operates efficiently in temperatures ranging from -40 °C to 105 °C, making it suitable for various environmental conditions.

Certified to ISO 9001 Quality Management standards and RoHS compliant, this adapter guarantees high-quality manufacturing and adherence to environmental regulations. Ideal for applications in military...

Read More



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
1.85 mm Male	Straight	Free Hanging

RF Specification

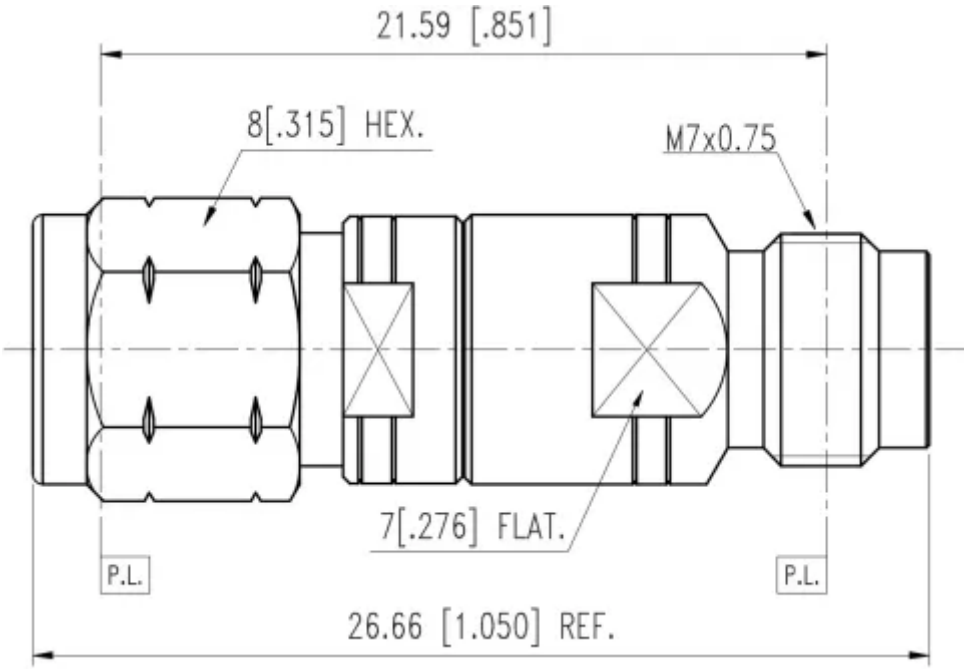
Start Frequency
0 GHz
Stop Frequency
65 GHz
RF Operating Voltage
≥ 250 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 3000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
65000 MHz	≤ 1.25:1	0.48 dB

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Weight
6.3 g
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



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

