

Page



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 Male Adapter

SKU
ACC-HL-00012
MPN
ADU2-VM1-VM1

Description

The Huang Liang ADU2-VM1-VM1 is a high-quality 1.85 mm male-to-male coaxial RF adapter, designed and manufactured by Huang Liang in Taiwan. This adapter features a straight body shape with a free-hanging mounting mechanism, making it compatible with 1.85 mm female interfaces on both ends. It operates within a frequency range of 0 to 65 GHz, ensuring versatile use across various applications.

Constructed from 303 stainless steel with a passivated finish, the adapter offers excellent durability and corrosion resistance. Its inner contacts are made of beryllium copper, plated with gold to enhance conductivity and performance. The adapter is capable of operating in temperatures ranging from -40°C to 105°C, suiting both extreme and standard environmental conditions.

Huang Liang's ADU2-VM1-VM1 adapter complies with ISO 9001 Quality Management standards, guaranteeing reliable performance and quality. With over 30 years of expertise in RF...

[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 m Ω

Insulation Resistance

$\geq 3000 \text{ m}\Omega$

Outer Contact Resistance

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

VSWR Measurement

Frequency VSWR Insertion Loss

65000 MHz $\leq 1.25:1$ 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

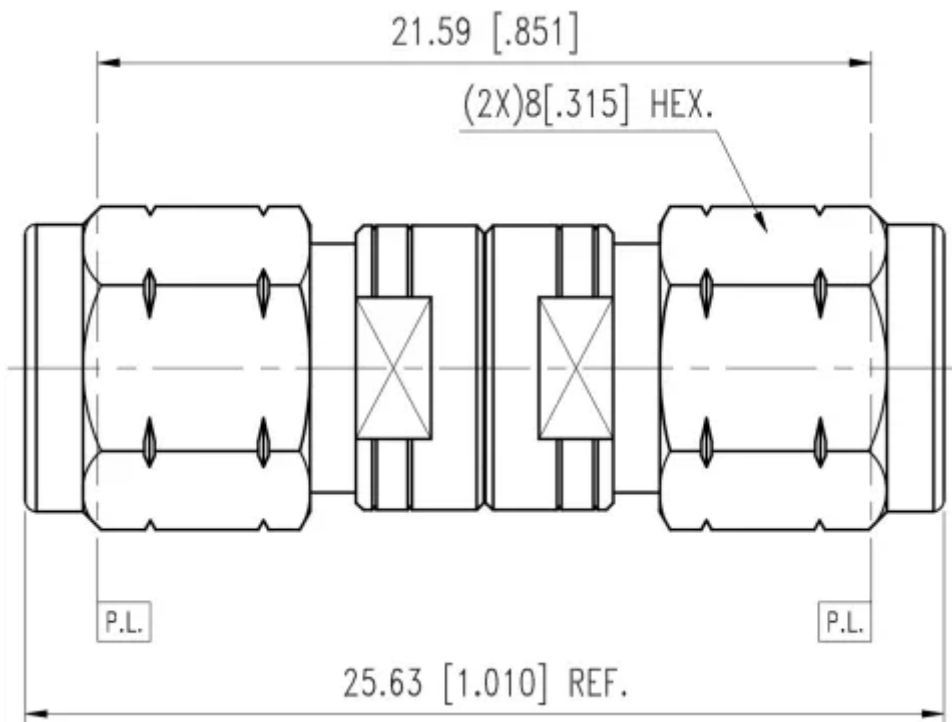
105 °C

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.

