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 2.4 mm Female to SMA Male Adapter

SKU
ACC-HL-00031
MPN
ADU1-QF1-SMM1

Description

The Huang Liang 2.4 mm Female to SMA Male Adapter (ADU1-QF1-SMM1) is a 50 Ω coaxial RF adapter designed for high-frequency applications up to 26.5 GHz. It features a 2.4 mm Female interface compatible with 2.4 mm Male and 1.85 mm Male interfaces and an SMA Male interface compatible with SMA Female interfaces. Both interfaces have a straight body shape and free hanging mounting mechanism.

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

Manufactured in Taiwan by Huang Liang, a company with over 30 years of experience in RF technology, this adapter complies with ISO 9001 Quality Management and RoHS standards, ensuring high quality and environmental safety. Huang Liang serves various...

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
2.4 mm Female	Straight	Free Hanging
SMA Male	Straight	Free Hanging

RF Specification

Start Frequency
0 GHz
Stop Frequency
26.5 GHz
RF Operating Voltage
≥ 350 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ

VSWR Measurement

Frequency	VSWR	Insertion Loss
26500 MHz	≤ 1.2:1	0.25 dB

Physical Specification

Body Material

Stainless Steel (303)

Body Plating

Passivated

Insulator Material

PTFE / Teflon

Weight

8.4 g

Compliance/Certifications

ISO 9001 Quality Management

,

RoHS

Contact Material

Beryllium Copper

Contact Plating

Gold

Min. Operating Temperature

-65 °C

Max. Operating Temperature

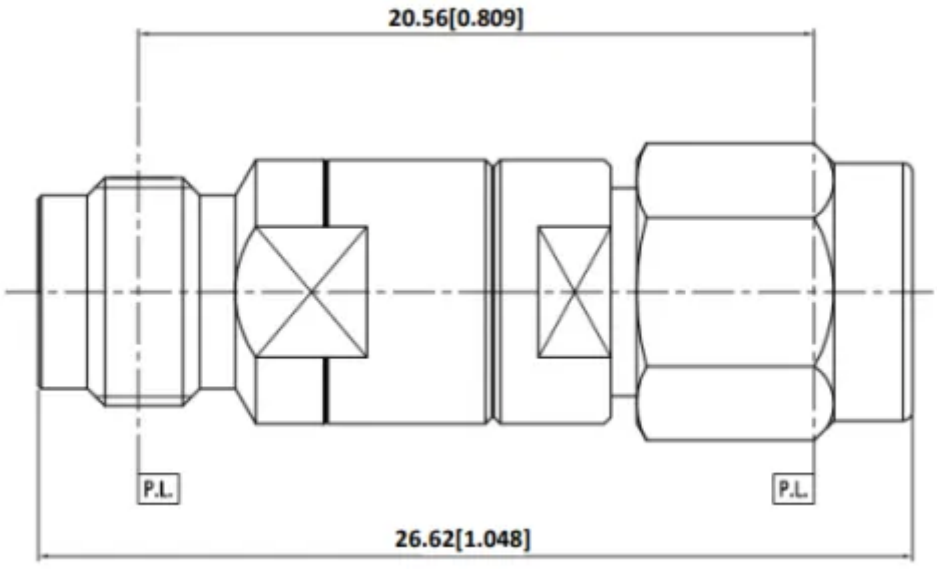
150 °C

Mating Cycles

> 500

Drawing

Image



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.

