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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 SMA Male to SMA Male Adapter, Precision 26.5 GHz**

SKU  
ACC-HL-00073  
MPN  
101-A010.188

### **Description**

The Huang Liang SMA Male to SMA Male Adapter, Part Number 101-A010.188, is a high-precision RF adapter designed for 50  $\Omega$  coaxial connections, operating up to 26.5 GHz. This adapter features SMA Male interfaces on both ends, each with a straight body shape and free hanging mounting, making it compatible with SMA Female interfaces.

Constructed from 303 Stainless Steel with a passivated finish, and utilizing Beryllium Copper inner contacts with gold plating, this adapter ensures durability and reliable performance. Its operational temperature range spans from -65 °C to 165 °C, making it suitable for various demanding environments.

Manufactured in compliance with ISO 9001 Quality Management and RoHS standards, this adapter is ideal for applications in military, telecommunications, and aerospace industries. With over 30 years of experience, Huang Liang is a trusted name in RF technology, offering expert engineering support and high-quality...

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## 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

[SMA Male](#)      [Straight](#)      [Free Hanging](#)

[SMA Male](#)      [Straight](#)      [Free Hanging](#)

## RF Specification

Start Frequency

0 GHz

Stop Frequency

26.5 GHz

RF Operating Voltage

$\geq 500$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 6$  m $\Omega$

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

Outer Contact Resistance

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

VSWR Measurement

**Frequency VSWR Insertion Loss**

26500 MHz  $\leq 1.25:1$  0.36 dB

## Physical Specification

Body Material

[Stainless Steel \(303\)](#)

Body Plating

[Passivated](#)

Insulator Material

[PTFE / Teflon](#)

Dimensions

20.8 x 8

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-65 °C

Max. Operating Temperature

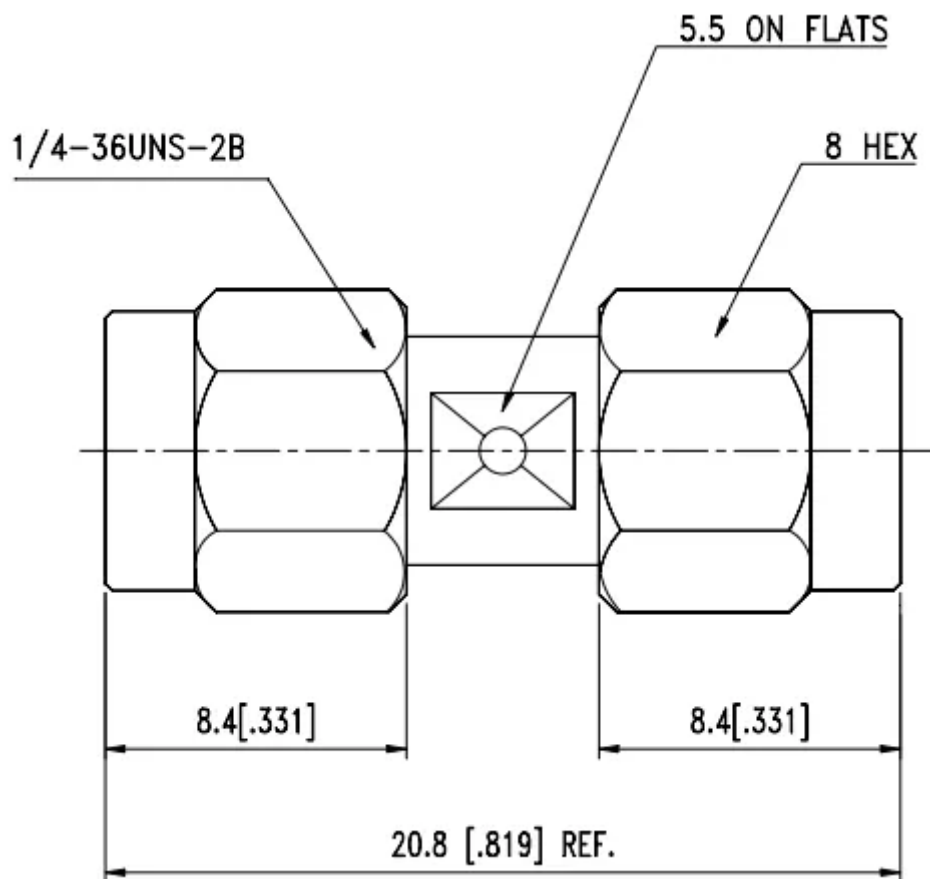
165 °C

Mating Cycles

> 500

Drawing

Image



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