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Huang Liang SMA Male to SMA Female Right Angle Adapter, Precision 18 GHz

SKU
ACC-HL-00074
MPN
101-R040.111

Description

The Huang Liang SMA Male to SMA Female Right Angle Adapter (Part Number: 101-R040.111) is a high-precision 50 Ω RF adapter designed for frequencies up to 18 GHz. This adapter features right-angle SMA male and female interfaces with a free-hanging mounting mechanism, compatible with corresponding SMA connectors.

Constructed from stainless steel (303) with a passivated finish and gold-plated beryllium copper inner contacts, it ensures durability and excellent conductivity. The adapter operates within a temperature range of -65 °C to 165 °C, making it suitable for various demanding applications.

Manufactured in compliance with ISO 9001 and RoHS standards, this adapter meets stringent quality and environmental requirements. Ideal for use in military, telecommunications, and aerospace industries, Huang Liang's extensive expertise and professional engineering support make this adapter a reliable choice for high-frequency RF applications.



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](#) [Right Angle](#) [Free Hanging](#)

[SMA Female](#) [Right Angle](#) [Free Hanging](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

18 GHz

RF Operating Voltage

≥ 500 Vrms

Input Impedance

50 Ω

Inner Contact Resistance

≤ 6 m Ω

Insulation Resistance

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

Outer Contact Resistance

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

VSWR Measurement

Frequency VSWR Insertion Loss

18000 MHz $\leq 1.15:1$ 0.5 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

-65 °C

Max. Operating Temperature

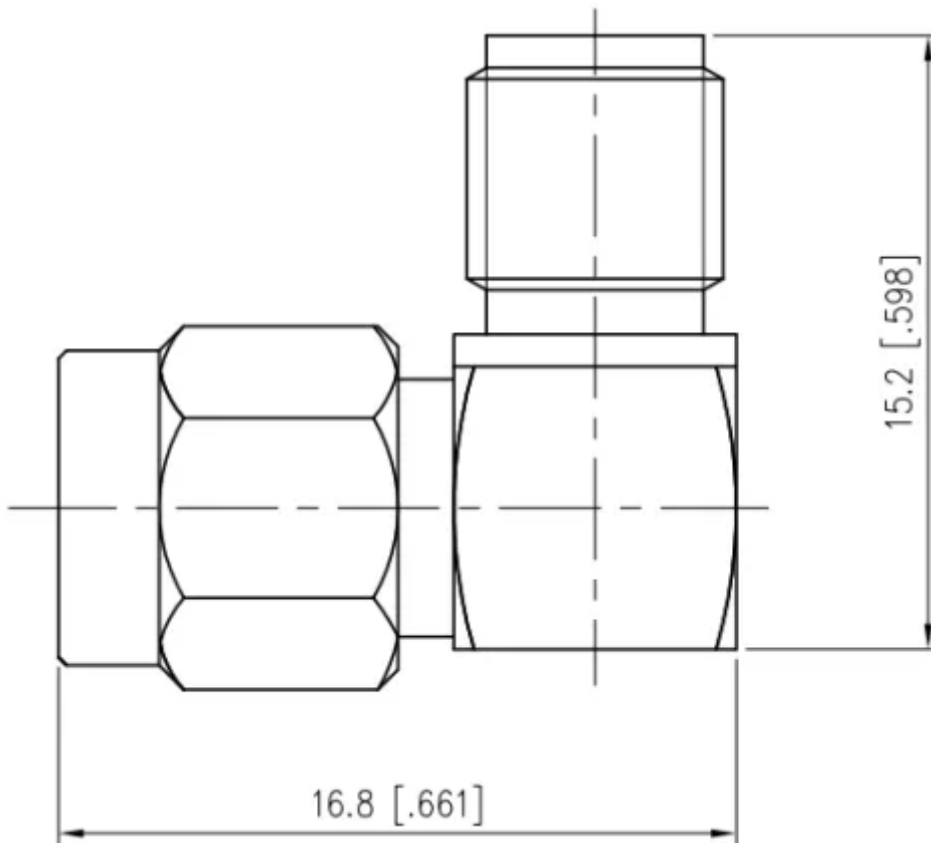
165 °C

Mating Cycles

> 500

Drawing

Image



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