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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

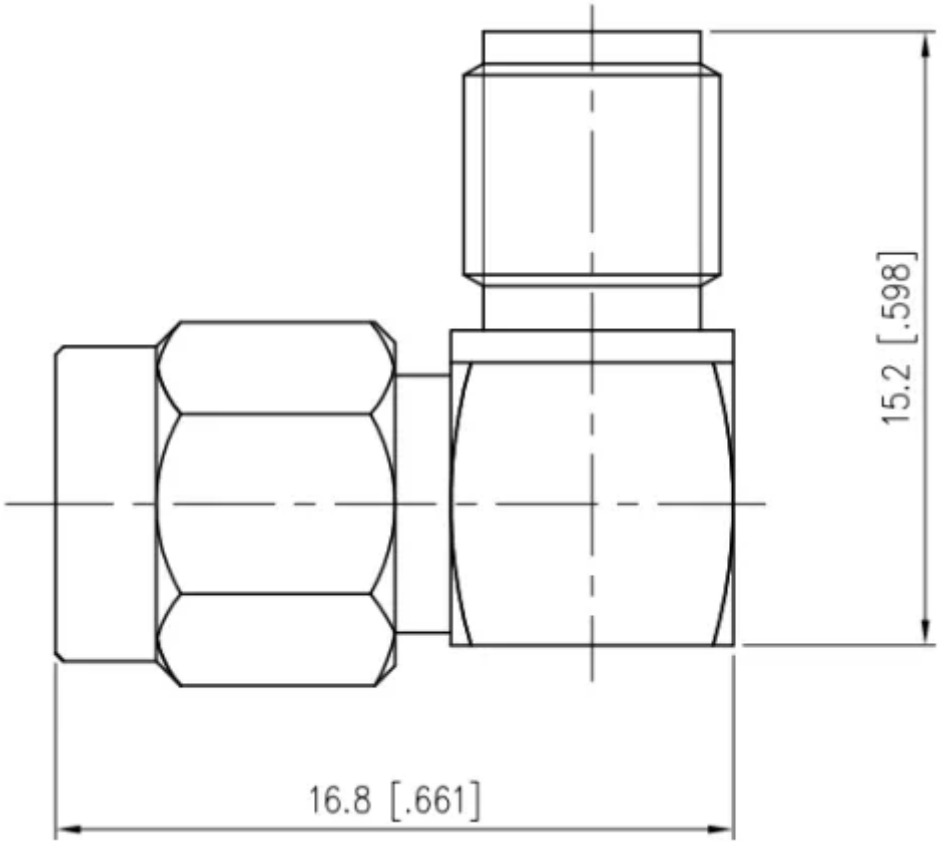
Start Frequency
0 GHz
Stop Frequency
18 GHz
RF Operating Voltage
≥ 500 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
18000 MHz	≤ 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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