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Huang Liang SMA Female to SMA Female Radius RA Adapter, Precision 18 GHz

SKU
ACC-HL-00076
MPN
101-R046.188

Description

The Huang Liang SMA Female to SMA Female Radius RA Adapter (Part Number: 101-R046.188) is a high-quality 50 Ω coaxial RF adapter designed for applications requiring precision up to 18 GHz. Manufactured in Taiwan, this adapter features a radius right-angle design with a free-hanging mounting mechanism, ensuring compatibility with SMA Male interfaces.

Constructed from Stainless Steel (303) with a passivated finish, it offers durability and resistance to corrosion. The inner contacts are made of Beryllium Copper with Gold plating for excellent conductivity and reliability. It operates efficiently within a wide temperature range of -65 °C to 165 °C, making it suitable for demanding environments.

Huang Liang adheres to ISO 9001 Quality Management standards and RoHS compliance, ensuring high standards of quality and safety. With over 30 years of experience in RF technology, Huang Liang serves diverse industries including military...

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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 Female	Radius Right Angle	Free Hanging
SMA Female	Radius Right Angle	Free Hanging

RF Specification

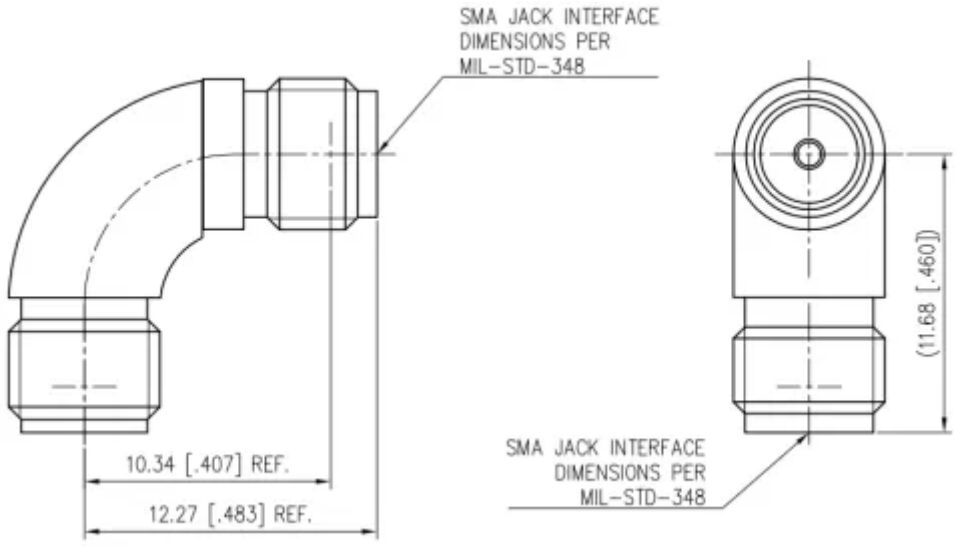
Start Frequency
0 GHz
Stop Frequency
18 GHz
RF Operating Voltage
≥ 500 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
18000 MHz	≤ 1.25:1	0.3 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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