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# RF Adapter SMA Female to SMA Female Right Angle

SKU
ACC-PT-00335
MPN
AD-SA2SA2.RA
Barcode
9337692003639

**Description**

The RF Adapter SMA Female to SMA Female Right Angle (Part Number: AD-SA2SA2-RA) by Powertec is a 50 Ω coaxial adapter. It features two SMA Female interfaces with right-angle body shapes and free hanging mounting mechanisms, compatible with SMA Male interfaces. Designed to operate in the frequency range of 0 GHz to 6 GHz, this adapter is built with brass body and contacts, and gold finish.

This adapter can function in temperatures ranging from -55 °C to 125 °C, ensuring reliable performance in varied environments. It adheres to ISO 9001 Quality Management standards and is RoHS compliant, guaranteeing high quality and environmental safety.

Powertec, an Australian wireless technology manufacturer, has been a leader in the industry since 1995, providing advanced solutions in cellular network enhancement, wireless network development, and renewable energy systems.



**Powertec**

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Connector Interface

| RF Interface | Body Shape | Mounting |
|---|---|---|
| SMA Female | Right Angle | Free Hanging |
| SMA Female | Right Angle | Free Hanging |

# RF Specification

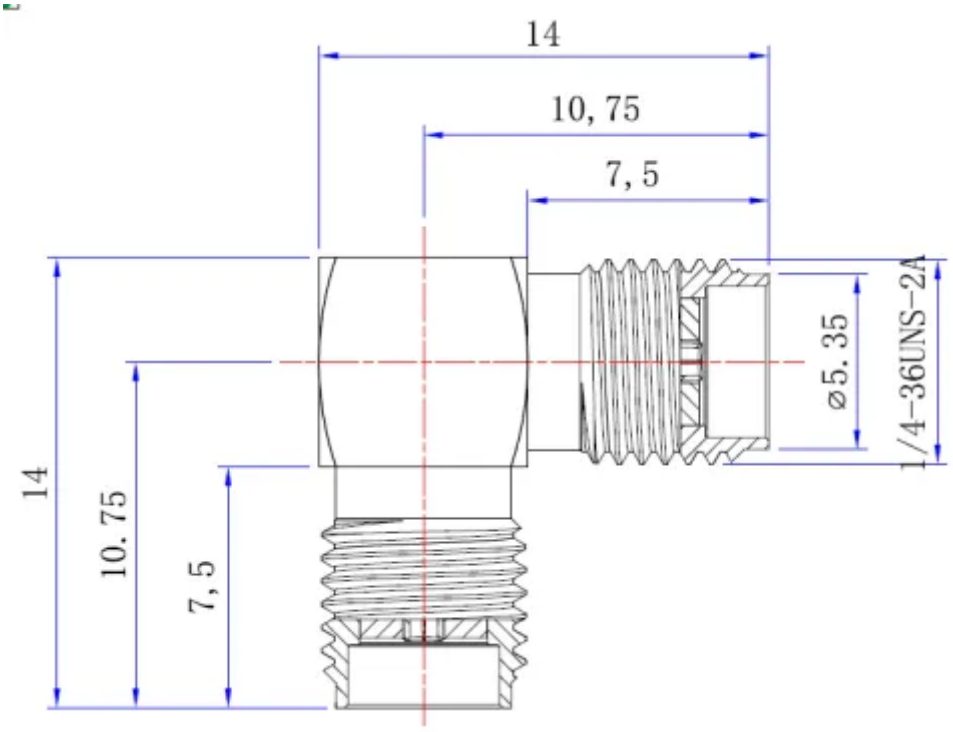
Start Frequency
0 GHz
Stop Frequency
6 GHz
RF Operating Voltage
≥ 500 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance
≤ 1 mΩ

VSWR Measurement

| Frequency | VSWR |
| --- | --- |
| 6000 MHz | ≤ 1.5:1 |

# Physical Specification

Body Material
Brass
Body Plating
Gold
Insulator Material
PTFE / Teflon
Dimensions
14 x 14 x 7 mm
Weight
4 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Contact Material
Brass
Contact Plating
Gold
Min. Operating Temperature
-55 °C
Max. Operating Temperature
125 °C
Mating Cycles
> 500
Drawing
Image




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