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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  $\Omega$  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

$\geq 500$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 1$  m $\Omega$

Insulation Resistance

$\geq 5000$  m $\Omega$

Outer Contact Resistance

$\leq 1 \text{ m}\Omega$

VSWR Measurement

**Frequency VSWR**

6000 MHz  $\leq 1.5:1$

## 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

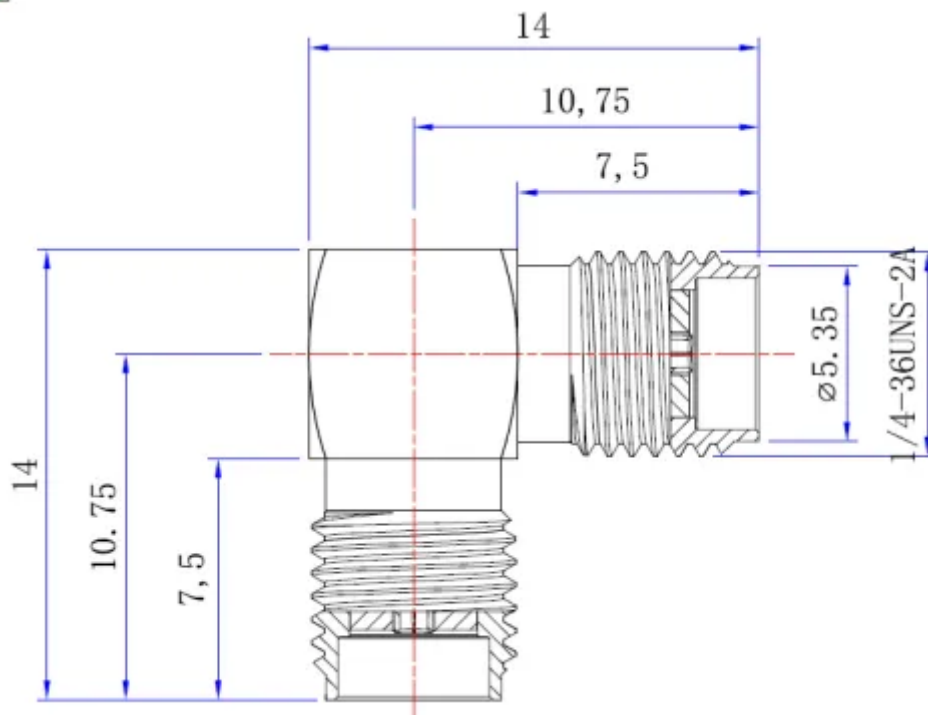
125 °C

Mating Cycles

> 500

Drawing

Image



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