

# 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	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	$\leq 1 \text{ m}\Omega$
RF Operating Voltage:	$\geq 500 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 1 \text{ m}\Omega$

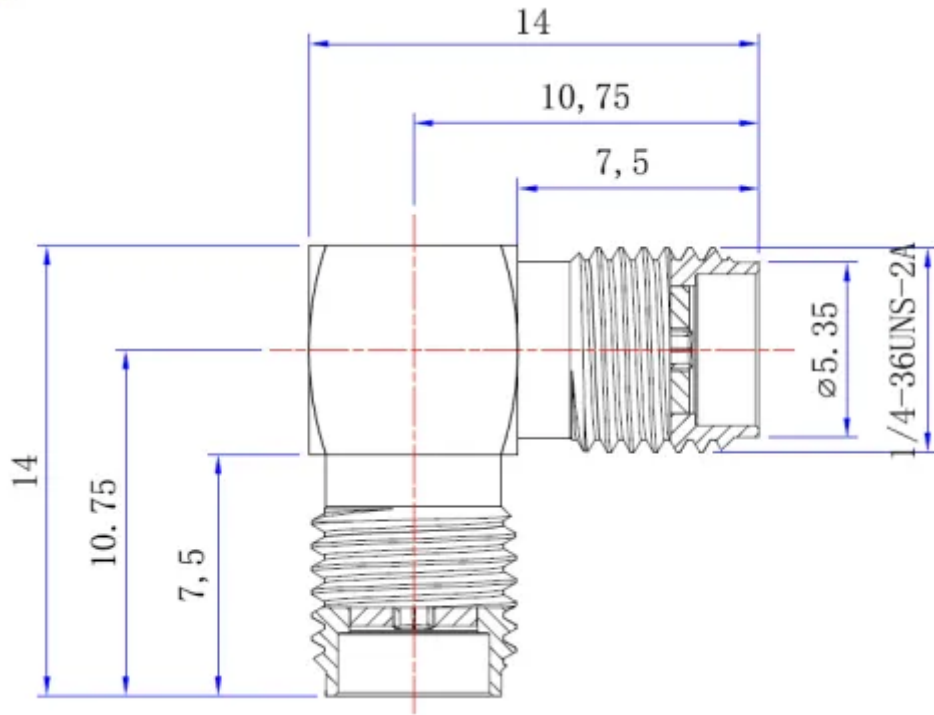
## VSWR Measurement

Frequency	VSWR
6000 MHz	$\leq 1.5:1$

## Physical Specification

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

# Drawing



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