

Powertec Wireless Technology ABN: 42 082 948 463 PO Box 1034, Ashmore City Queensland, Australia, 4214 sales@powertec.com.au 1300 769 378

RF Adapter RP-SMA Male to SMA Female

SKU: ACC-PT-00321 MPN: AD-RSA2SA1

Barcode: 9337692003585

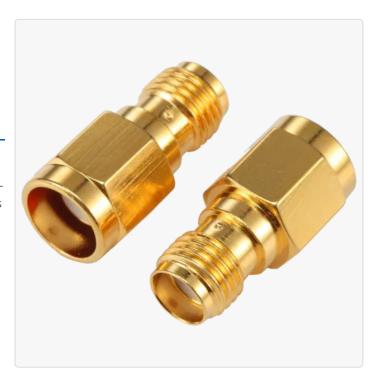
Description

The RF Adapter RP-SMA Male to SMA Female (AD-RSA1SA2) by Powertec is a high-quality 50 Ω coaxial adapter. It features an RP-SMA Male connection compatible with RP-SMA Female interfaces and an SMA Female connection compatible with SMA Male interfaces. Both connections have a straight body shape and are designed for free-hanging mounting.

This adapter operates within a frequency range of 0 GHz to 6 GHz and is constructed from brass with a gold finish. The inner contacts are made of phosphor-bronze, also gold-plated for enhanced conductivity. It functions reliably in extreme temperatures, from -65 °C to 165 °C, and complies with ISO 9001 Quality Management and RoHS standards.

Ideal for use in wireless technology applications, this adapter is manufactured by Powertec, a reputable Australian company established in 1995, known for its expertise in cellular network enhancement and wireless network development. Powertec supports over 1500...

Read More





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
RP-SMA Male	Straight	Free Hanging
SMA Female	Straight	Free Hanging

RF Specification

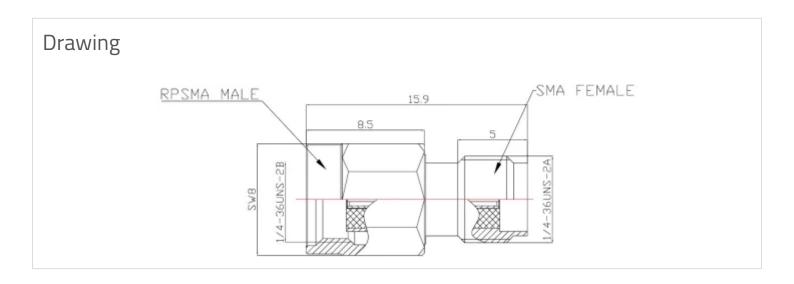
Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	≤ 1 mΩ
RF Operating Voltage:	≥ 500 Vrms	Insulation Resistance:	≥ 5000 mΩ
		Outer Contact Resistance:	≤ 1 mΩ

VSWR Measurement

Frequency	swr .
6000 MHz ≤ 1	1.25:1

Physical Specification

Body Material:	Brass	Contact Material:	Phosphor Bronze
Body Plating:	Gold	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-65 °C
Dimensions:	15.9 x 8	Max. Operating Temperature:	165 °C
Weight:	5 g	Mating Cycles:	> 500
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS	,		



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

