

RF Adapter, SMA Male to SMA Male

SKU: ACC-PT-00087

MPN: AD-SA1SA1

Barcode: 9337692002977

Description

The RF Adapter SMA Male to SMA Male (Part Number: AD-SA1SA1) is a high-quality 50 Ω coaxial adapter from Powertec, an Australian wireless technology manufacturer. Designed for seamless connectivity, this adapter features two SMA Male interfaces with straight bodies and free-hanging mounting, compatible with SMA Female connectors. It operates within a frequency range of 0 GHz to 6 GHz, ensuring reliable performance for various RF applications.

Constructed from Brass with a Gold finish and Beryllium Copper inner contacts with Gold plating, this adapter guarantees excellent durability and conductivity. It functions effectively in a broad temperature range, from -65 °C to 165 °C, making it suitable for demanding environments.

Compliance with ISO 9001 Quality Management and RoHS standards ensures that the AD-SA1SA1 meets stringent quality and environmental guidelines. Ideal for enhancing cellular networks and developing wireless systems, this...

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RF Connector Interface

RF Interface	Body Shape	Mounting
SMA Male	Straight	Free Hanging
SMA Male	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

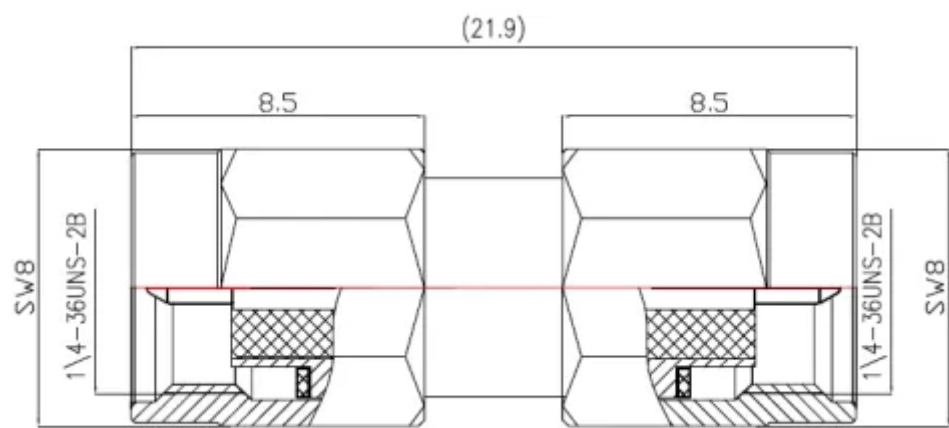
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.2:1

Physical Specification

Body Material:	Brass	Contact Material:	Beryllium Copper
Body Plating:	Gold	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-65 °C
Dimensions:	21.9 x 8 mm (L x Dia)	Max. Operating Temperature:	165 °C
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 500
RoHS			

Drawing



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