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RF Adapter, N Male to SMA Male

SKU: ACC-PT-00057 MPN: AD-N1SA1 Barcode: 9337692002946

Description

The RF Adapter N Male to SMA Male (Part Number: AD-N1SA1) from Powertec is a high-quality 50 Ω coaxial adapter designed for reliable connectivity. Featuring a straight N Male interface compatible with N Female connectors and a straight SMA Male interface compatible with SMA Female connectors, this adapter supports operating frequencies from 0 GHz to 6 GHz.

Constructed from brass with a gold finish, the adapter's inner contacts are also brass with gold plating, ensuring durability and excellent conductivity. It performs effectively within a temperature range of -55 °C to 155 °C. Compliant with ISO 9001 Quality Management and RoHS standards, this adapter guarantees high-quality performance and safety.

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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
N Male	Straight	Free Hanging
SMA Male	Straight	Free Hanging

RF Specification

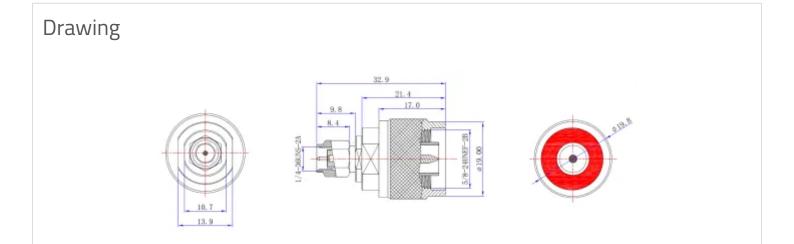
	Start Frequency:	0 GHz	Input Impedance:	50
	Stop Frequency:	6 GHz	Inner Contact Resistance:	≤ 1 mΩ
	RF Operating Voltage:	≥ 500 Vrms	Insulation Resistance:	≥ 5000 mΩ
			Outer Contact Resistance:	≤ 1 mΩ

VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.5:1

Physical Specification

Body Material:	Brass	Contact Material:	Brass
Body Plating:	Gold	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-55 °C
Dimensions:	32.9 x 19.8 mm (L x Dia)	Max. Operating Temperature:	155 °C
Weight:	43 g	Mating Cycles:	> 500
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS	r		



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