

RF Adapter, N Female to SMA Male

SKU: ACC-PT-00036

MPN: AD-N2SA1

Barcode: 9337692001468

Description

The RF Adapter N Female to SMA Male (Part Number: AD-N2SA1) by Powertec is a high-quality, 50 Ω coaxial adapter designed for seamless connectivity between N Male and SMA Female interfaces. This adapter supports a frequency range of 0 GHz to 6 GHz, ensuring broad compatibility for various RF applications. It features a straight body shape with a free-hanging mounting mechanism, facilitating straightforward integration into your setup.

Constructed from brass with a gold and nickel finish, the adapter guarantees durability and excellent performance. The inner contacts are made of brass, plated with gold for enhanced conductivity. It operates efficiently within a temperature range of -55 °C to 155 °C, making it suitable for diverse environmental conditions.

Manufactured to meet ISO 9001 quality standards and RoHS compliance, this adapter exemplifies reliability and adherence to international quality benchmarks. Powertec, a leading wireless...

[Read More](#)



RF Connector Interface

RF Interface	Body Shape	Mounting
N Female	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

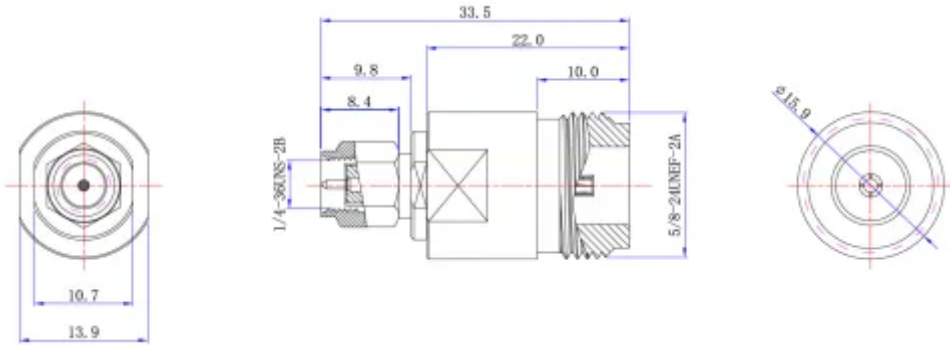
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.5:1

Physical Specification

Body Material:	Brass	Contact Material:	Brass
Body Plating:	Gold, Nickel	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-55 °C
Dimensions:	33.5 x 15.9 mm (L x Dia)	Max. Operating Temperature:	155 °C
Weight:	45 g	Mating Cycles:	> 500
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

Drawing



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.

