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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...

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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
N Female	Straight	Free Hanging
SMA Male	Straight	Free Hanging

RF Specification

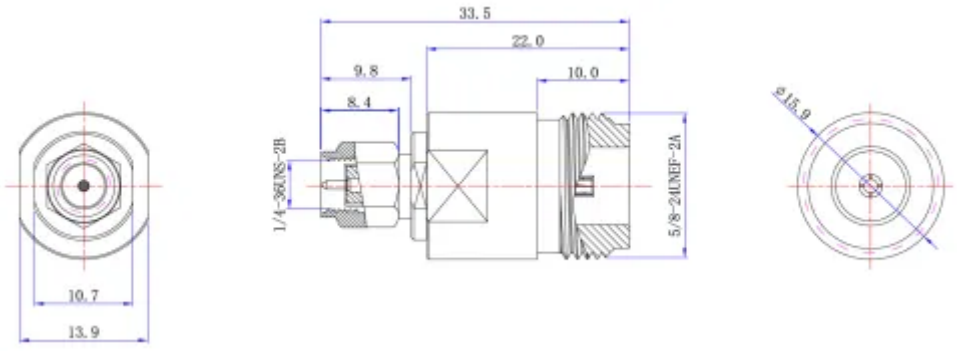
Start Frequency
0 GHz
Stop Frequency
6 GHz
RF Operating Voltage
≥ 500 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance
≤ 1 mΩ

VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.5:1

Physical Specification

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



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