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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.

Powertec, based in Australia, has been a leading wireless technology manufacturer and systems integrator since 1995. They specialise in cellular network enhancement, wireless network development, and renewable energy systems, providing...

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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
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

Insulator Material

PTFE / Teflon

Dimensions

32.9 x 19.8 mm (L x Dia)

Weight

43 g

Compliance/Certifications

ISO 9001 Quality Management

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RoHS

Contact Material

Brass

Contact Plating

Gold

Min. Operating Temperature

-55 °C

Max. Operating Temperature

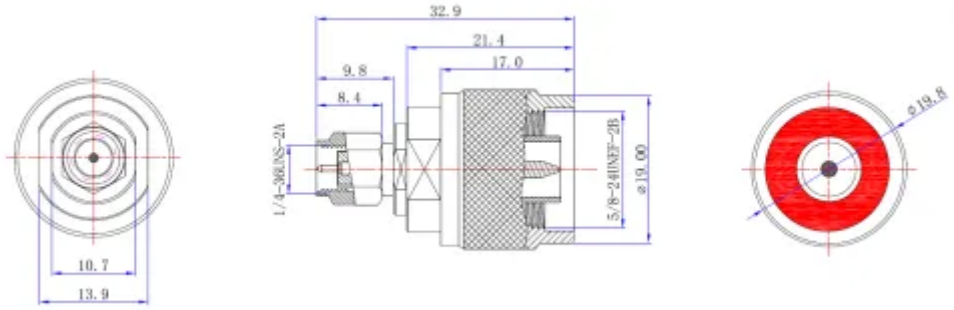
155 °C

Mating Cycles

> 500

Drawing

Image



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