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## **RF Adapter, N Female to N Female, Right Angle**

SKU  
ACC-PT-00375  
MPN  
AD-N2N2-RA  
Barcode  
9337692003653

## Description

The RF Adapter N Female to N Female, Right Angle (Part Number: AD-N2N2-RA) by Powertec is a reliable 50  $\Omega$  coaxial adapter designed for various RF applications. This adapter features N Female interfaces with a Right Angle body and a Free Hanging mounting mechanism compatible with N Male interfaces. It operates across a wide frequency range from 0 GHz to 6 GHz, ensuring versatile functionality.

Constructed from brass with a nickel finish, the adapter boasts durability and corrosion resistance. The inner contacts are made of brass with gold plating, ensuring excellent conductivity and signal integrity. The adapter is capable of operating in harsh environments with a temperature range of -40 °C to 85 °C.

Manufactured to ISO 9001 Quality Management standards and compliant with RoHS regulations, this RF adapter guarantees high quality and environmental safety. Powertec, a renowned Australian wireless technology manufacturer and systems...

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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](#)    [Right Angle](#)    [Free Hanging](#)

[N Female](#)    [Right Angle](#)    [Free Hanging](#)

## RF Specification

Start Frequency

0 GHz

Stop Frequency

6 GHz

RF Operating Voltage

$\geq 500$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 1$  m $\Omega$

Insulation Resistance

$\geq 5000$  m $\Omega$

Outer Contact Resistance

$\leq 1 \text{ m}\Omega$

VSWR Measurement

**Frequency VSWR**

6000 MHz  $\leq 1.5:1$

## Physical Specification

Body Material

[Brass](#)

Body Plating

[Nickel](#)

Insulator Material

[PTFE / Teflon](#)

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Brass](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

Mating Cycles

> 500

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