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RF Adapter 4.3-10 Female to N Female

SKU
IBC-PT-00001
MPN
AD-432N2
Barcode
9337692001550

Description

The RF Adapter 4.3-10 Female to N Female (Part Number: AD-432N2) is a 50 Ω coaxial adapter from Powertec, designed for high-performance RF applications. It features a 4.3-10 Female interface with a straight body and free hanging mount, compatible with 4.3-10 Male connectors. The opposing N Female interface also has a straight body and free hanging mount, compatible with N Male connectors.

Operating within a frequency range of 0 GHz to 6 GHz, the adapter ensures reliable signal transmission. Constructed from brass with a nickel finish, it has gold-plated brass inner contacts for excellent conductivity. The adapter functions in temperatures ranging from -40 °C to 85 °C, ensuring durability and performance in various environments.

Compliant with ISO 9001 Quality Management and RoHS standards, this adapter guarantees high quality and environmental safety.

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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

4.3-10 Female	Straight	Free Hanging
N Female	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 m Ω

Insulation Resistance

≥ 5000 m Ω

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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