Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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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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 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
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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