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RF Adapter 4.3-10 Male to N Female

SKU
IBC-PT-00002
MPN
AD-431N2
Barcode
9337692001567

Description

The RF Adapter 4.3-10 Male to N Female (Part Number: AD-431N2) is a high-quality 50 Ω coaxial component from Powertec. Designed for seamless connectivity, it features a 4.3-10 Male interface with a straight body and free-hanging mounting, compatible with 4.3-10 Female interfaces. The adapter also includes an N Female interface with a straight body and free-hanging mounting, compatible with N Male interfaces.

With an operating frequency range of 0 GHz to 6 GHz, this adapter is versatile for various applications. Constructed from durable Brass with a Nickel finish, it ensures long-lasting performance. The inner contacts are made of Beryllium Copper with Phosphor Bronze plating, enhancing conductivity and reliability.

Operating efficiently in temperatures from -40 °C to 85 °C, the AD-431N2 meets ISO 9001 quality management standards and complies with RoHS directives, ensuring it is environmentally friendly and reliable.

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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
4.3-10 Male	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
Weight
120 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Contact Material
Beryllium Copper
Contact Plating
Phosphor Bronze
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Mating Cycles
> 500

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