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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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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	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	≤ 1 mΩ
RF Operating Voltage:	≥ 500 Vrms	Insulation Resistance:	≥ 5000 mΩ
		Outer Contact Resistance:	≤ 1 mΩ

VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.5:1

Physical Specification

Body Material:	Brass	Contact Material:	Brass
Body Plating:	Nickel	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-40 °C
Compliance/Certifications:	ISO 9001 Quality Management , RoHS	Max. Operating Temperature:	85 °C
		Mating Cycles:	> 500

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