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RF Adapter 4.3-10 Female to 4.3-10 Female

SKU
IBC-PT-00064
MPN
AD-432432
Barcode
9337692002380

Description

The RF Adapter 4.3-10 Female to 4.3-10 Female (Part Number: AD-432432) is a 50 Ω coaxial adapter designed by Powertec. This adapter features a 4.3-10 Female interface on both ends, each with a straight body shape and a free-hanging mounting mechanism, ensuring compatibility with 4.3-10 Male interfaces. It supports an operating frequency range from 0 GHz to 6 GHz, making it versatile for various RF applications.

Constructed from brass with a nickel finish, and inner contacts plated with phosphor bronze, this adapter guarantees durability and reliable performance. It is operational in temperatures from -40 °C to 85 °C. The product adheres to ISO 9001 Quality Management standards and complies with RoHS directives, ensuring high quality and environmental safety.

Powertec, an Australian-based wireless technology manufacturer and systems integrator, has been a leading distributor in the region since 1995. Specialising in cellular network...

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RF Connector Interface

RF Interface	Body Shape	Mounting
4.3-10 Female	Straight	Free Hanging
4.3-10 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
Phosphor Bronze
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Mating Cycles
> 500

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