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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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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](#)

[4.3-10 Female Straight](#) [Free Hanging](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

6 GHz

RF Operating Voltage

$\geq 500 \text{ Vrms}$

Input Impedance

50Ω

Inner Contact Resistance

$\leq 1 \text{ m}\Omega$

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

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

[Phosphor Bronze](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

Mating Cycles

> 500

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