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RF Adapter 4.3-10 Female to 4.3-10 Female Bulkhead

SKU
IBC-PT-00035
MPN
AD-432432-BRM
Barcode
9337692001741

Description

The RF Adapter 4.3-10 Female to 4.3-10 Female Bulkhead (Part Number: AD-432432-BRM) is a high-quality 50 Ω coaxial RF adapter from Powertec, an Australian manufacturer renowned for wireless technology solutions. This adapter features a straight body with bulkhead rear and front mounts, making it compatible with 4.3-10 Male interfaces.

Operating within a frequency range of 0 GHz to 6 GHz, the adapter is constructed from brass with a nickel finish, and its inner contacts are made of silver-plated brass. It functions effectively in temperatures ranging from -40 °C to 85 °C. The product is ISO 9001 compliant and RoHS certified, ensuring adherence to quality and environmental standards.

Additionally, the adapter has been tested to a PIM rating of ≤ -165 dBc, making it suitable for high-performance applications. Powertec's commitment to quality and innovation makes this RF adapter a reliable choice for enhancing cellular networks and other...

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Powertec

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](#) [Bulkhead](#)

[4.3-10 Female Straight](#) [Bulkhead](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

6 GHz

RF Operating Voltage

≥ 500 Vrms

PIM, 3rd Order

≤ -165 dBc

Input Impedance

50 Ω

Inner Contact Resistance

≤ 1 m Ω

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

[Silver](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

Mating Cycles

> 500

Mechanical Compliance

[IEC 60068-2-27: Mechanical Shock](#)

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[IEC 60068-2-6: Vibration](#)

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