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RF Adapter, 4.3-10 Female to N Female Four-Hole Flange

SKU
ACC-PT-00419
MPN
AD-432N2-4F

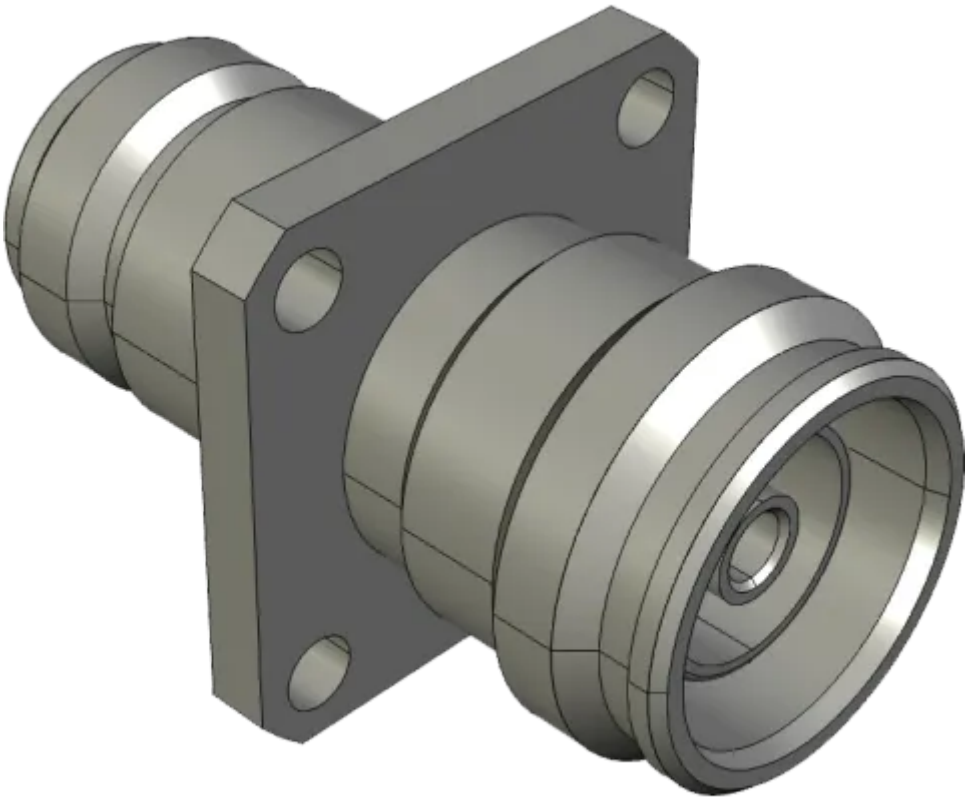
Description

The RF Adapter 4.3-10 Female to N Female Four-Hole Flange (Part Number: AD-432N2-4F) is a high-quality 50 Ω coaxial adapter designed by Powertec, an Australian wireless technology manufacturer. This adapter features a 4.3-10 Female interface with a straight body and 4-Hole Flange Front Mount, compatible with 4.3-10 Male interfaces. On the other side, it has an N Female interface with a straight body and 4-Hole Flange Rear Mount, compatible with N Male interfaces.

The adapter operates within a frequency range of 0 to 6 GHz and is constructed from Phosphor-Bronze with a Trimetal finish. The inner contacts are made of Phosphor Bronze and Silver-plated for optimal conductivity. It is designed to operate in temperatures ranging from -40 °C to 85 °C and meets ISO 9001 and RoHS compliance standards.

Tested to MIL-STD-202 for shock and vibration, this adapter ensures reliable performance and robust connectivity in harsh conditions. Powertec...

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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	4-Hole Flange
N Female	Straight	4-Hole Flange

RF Specification

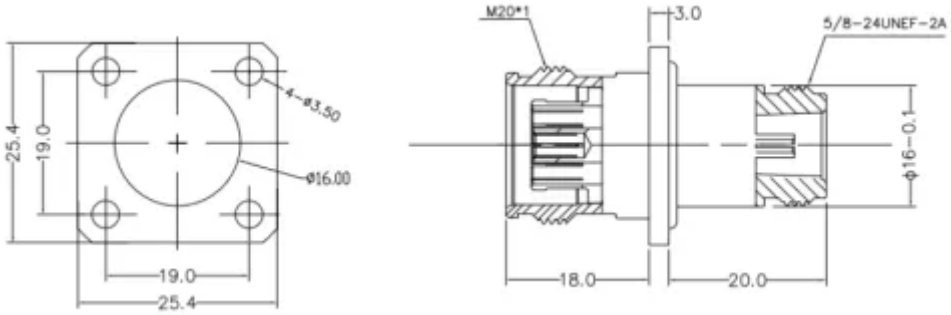
Start Frequency
0 GHz
Stop Frequency
6 GHz
RF Operating Voltage
≥ 500 Vrms
PIM, 3rd Order
≤ -160 dBc
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ

Outer Contact Resistance
≤ 1 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
3000 MHz		0.1 dB
6000 MHz	≤ 1.2:1	

Physical Specification

Body Material
Phosphor Bronze
Body Plating
White Bronze
Insulator Material
PTFE / Teflon
Dimensions
41 x 25.4 x 25.4 mm
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Contact Material
Phosphor Bronze
Contact Plating
Silver
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Mating Cycles
> 500
Mechanical Compliance
IEC 60068-2-27: Mechanical Shock
,
IEC 60068-2-6: Vibration
Drawing
Image



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