Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

RF Adapter 4.3-10 Female to N Male

SKU
IBC-PT-00025
MPN
AD-432N1

Description

The RF Adapter 4.3-10 Female to N Male (SKU: IBC-PT-00025), developed by Powertec, is a high-quality RF adapter designed for seamless connectivity.

Featuring a robust brass body with a white bronze plating and phosphor bronze inner contacts with silver plating, this adapter ensures reliable performance and durability. The PTFE/Teflon insulator provides excellent thermal stability, capable of operating in temperatures ranging from -65 °C to 165 °C.

This adapter supports a frequency range from 0 GHz to 6 GHz, making it versatile for various applications. It boasts a 3rd Order PIM rating of ≤ -160 dBc, ensuring minimal interference in signal transmission. The input impedance is 50 Ω, suitable for standard RF systems. Both connectors, the 4.3-10 Female and N Male, feature a straight body with a free-hanging mounting style, facilitating easy installation.

At 6000 MHz, the adapter demonstrates a VSWR of ≤ 1.25:1, ensuring efficient signal...

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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
N Male	Straight	Free Hanging

RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
PIM, 3rd Order
≤ -160 dBc
Input Impedance
50 Ω
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.25:1

Physical Specification

Body Material

Brass

Body Plating

White Bronze

Insulator Material

PTFE / Teflon

Dimensions

39 x 20

Contact Material

Phosphor Bronze

Contact Plating

Silver

Min. Operating Temperature

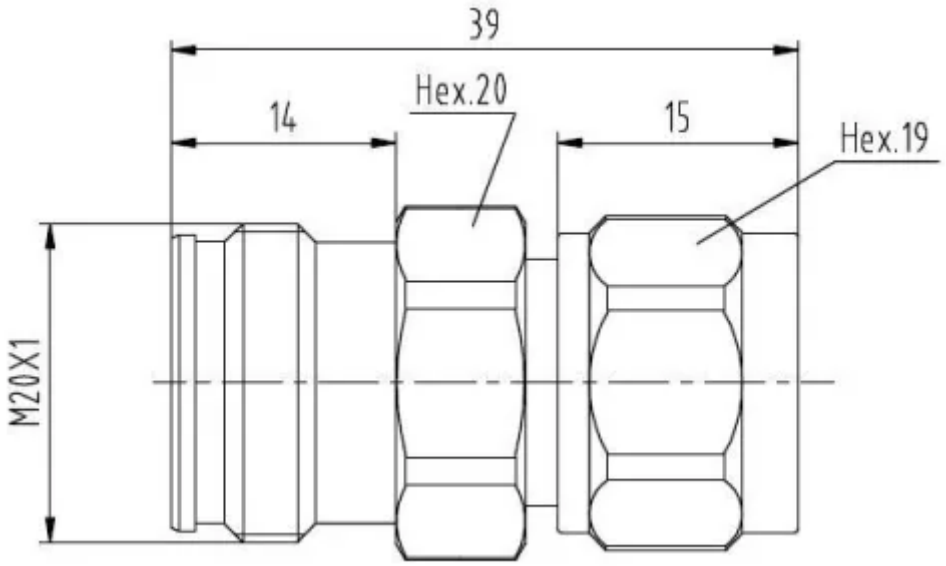
-65 °C

Max. Operating Temperature

165 °C

Drawing

Image



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