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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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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	Input Impedance:	50
Stop Frequency:	6 GHz		
PIM, 3rd Order:	≤ -160 dBc		

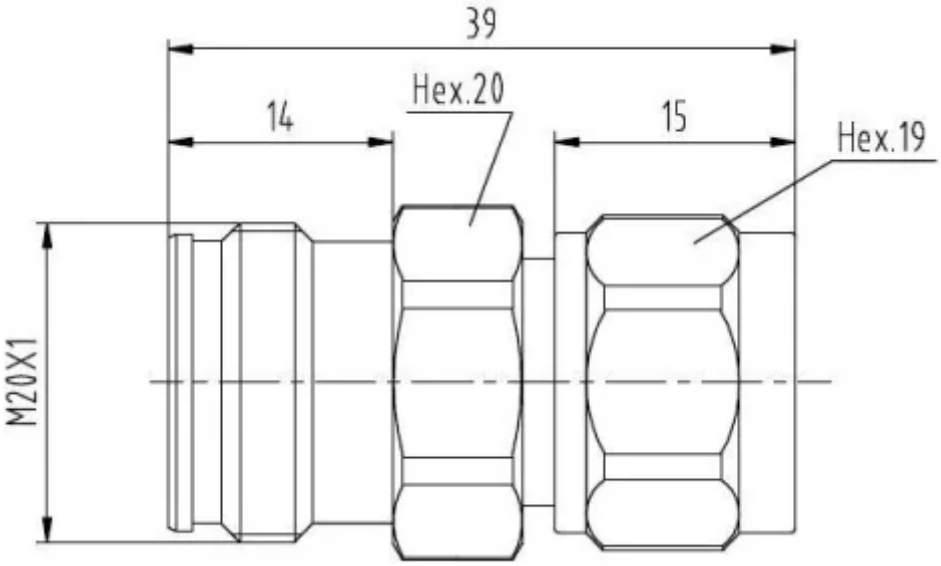
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.25:1

Physical Specification

Body Material:	Brass	Contact Material:	Phosphor Bronze
Body Plating:	White Bronze	Contact Plating:	Silver
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-65 °C
Dimensions:	39 x 20	Max. Operating Temperature:	165 °C

Drawing



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