



JINDASIGNAL

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Product Name : RF Bias Tee NF-NM DC-3000MHz

Product Model : BT0030-INC

The Bias-Tee is a three-port passive device whose core function is to inject DC current or voltage into active components (such as amplifiers) in RF circuits without interfering with the normal transmission of RF signals in the main transmission path. Through the coordination of its three ports (RF, DC, RF&DC) and internal feed inductors and blocking capacitor, the Bias-Tee enables the efficient coexistence of DC bias and RF signals. With its unique design and functions, the Bias-Tee plays a vital role in the RF and microwave fields, and is widely used in communication, testing, sensing and other scenarios.



Product Description

- ➔ Frequency covers DC-3000MHz
- ➔ Suitable for indoor applications

Specifications

Frequency range	DC-3000MHz
Insertion Loss	$\leq 0.5\text{dB}$
VSWR	≤ 1.2
Isolation	$\geq 30\text{dB}$
Bias Current	3 A Max
Voltage at DC port	50V Max
Power Rating	1 W
Impedance	50 Ω
RF Connector Type	In: N-F / Out: N -M
Net Weight	$\leq 0.11\text{ kg}$
Dimensions (include connectors)	80 x 24.8 x 28.5 mm / 3.15 x 0.98 x 1.12 inch
Operating temperature	-25°C to +55°C
Relative humidity	$\leq 95\%$
Color	Natural
RoHS	Comply with RoHS
Ingress protection	IP40

Shenzhen Jindasignal Technology Co., Ltd.

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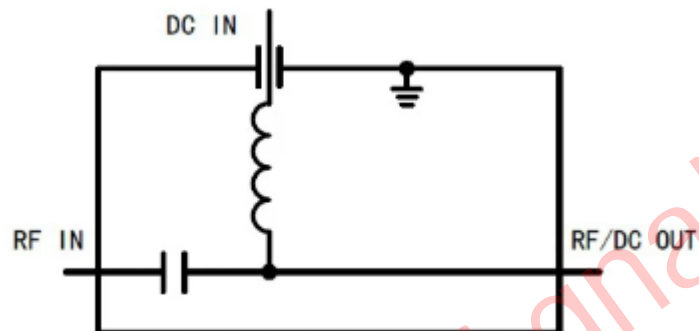
Web site: www.jindasignal.com



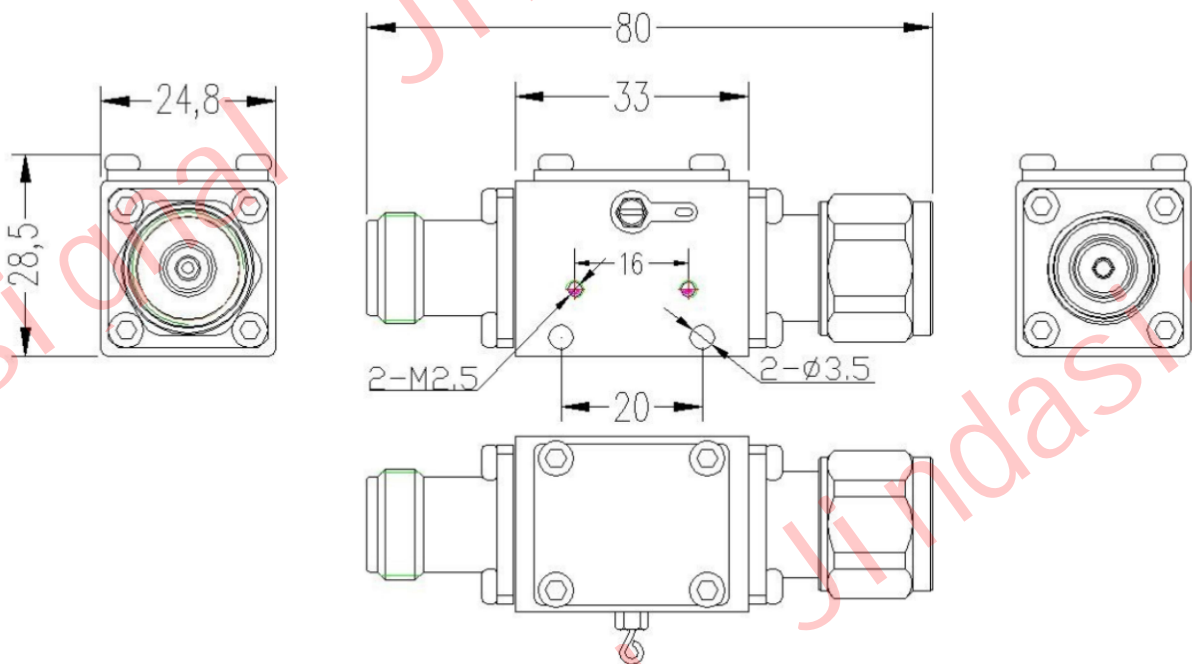
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Block Diagram



Outline Drawing



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