SMA Bias Tee, 10 MHz–10 GHz, 400 mA, 50 V

Feeds DC onto a coax line for LNAs and active antennas, SMA female ports



Overview

A bias tee that combines DC and RF on one coaxial line from 10 MHz to 10 GHz. Feed up to 50 V and 400 mA through the DC terminal to power an LNA, active GPS antenna or remote module over the same cable that carries the signal.

Applications

- Powering LNAs and active antennas over coax
- Biasing amplifiers on a test bench
- SDR front ends with remote preamps

Specifications

Frequency	10 MHz–10 GHz
DC voltage, max	+50 V
DC current, max	400 mA
RF ports	SMA female (RF) and SMA female (RF + DC)
DC port	Terminal on the housing, marked DC in
Impedance	50 Ω
Mating cycles	≥ 500
RoHS	Yes

Values are typical or maximum figures stated in the manufacturer's datasheet, not a Kymopsis lab report. Ask us for the manufacturer's test data where one exists.

Passive RF component for laboratory, development and integration use. It does not transmit on its own and carries no FCC, CE or other equipment certification claim.

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