

Broadband Bias Tee

RLC Electronics' Broadband Bias Tee offers excellent performance over the frequency range of 0.5 to 18 GHz. This unit is used to inject a DC current or voltage into an RF circuit without affecting the flow of RF

through the main transmission path. Typical applications include biasing amplifiers, DC return, DC blocking, as well as other various digital and analog uses.

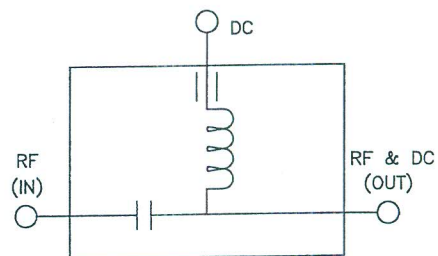
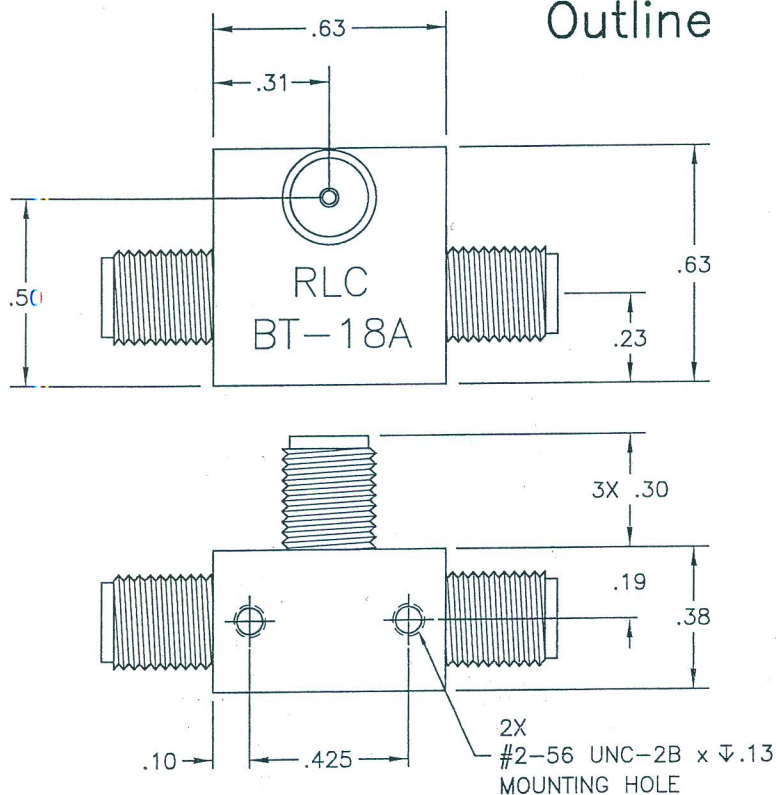
Specifications

Model No.	Frequency Range	Insertion Loss (dB) (Max.)	VSWR Max.
BT-18A	0.5-12 GHz	1.0	1.35:1
	12-18 GHz	1.5	1.6:1

Impedance: 50 ohms
RF Power: 5 watts average
DC Current: 500 ma maximum
RF Connector: 'SMA' (female)
Bias Input: 'SMA' (female)

Voltage: 50 vdc max.
Environment: MIL-E-5400, Class 1A
EXCEPT operating temperature
-55°C to +85 C

Outline



Schematic

Tolerances unless otherwise specified are: .xx $\pm$.02, .xxx $\pm$.005