

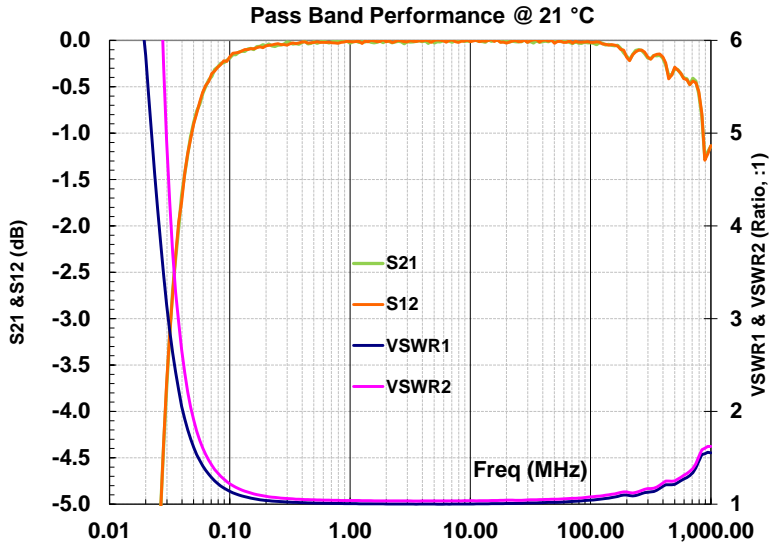
## Product Description: LBST001B (100 KHz ~ 100 MHz Bias-T)



LiConn has developed super wide band Bias-T with low cost. The bias-T offers maximum 0.3 dB insertion loss and maximum 1.35:1 VSWR throughout 100 KHz to 100 MHz band.

The Bias-T can be used in varieties of circuitries such as wide band amplifiers, broadcast, and measurement. The bias-T is designed to meet MIL-STD-202g.

### Key Performance



- 100 KHz ~ 100 MHz
- VSWR: 1.22:1 Typical  
1.35:1 Max
- Insertion Loss: 0.1 dB Typical,  
0.3 dB Max
- 40 dB RF/DC Isolation
- 50 Volts DC Voltage Rating
- SMA Connector I/O
- Miniature Size
- RoHS Compliant

### Ordering Information

Model Number	RF+DC Port	RF Port
LBST001B-1	SMA Male	SMA Female
LBST001B-2	SMA Female	SMA Male
LBST001B-3	SMA Male	SMA Male
LBST001B-4	SMA Female	SMA Female

### Absolute Maximum Ratings

Parameters	Units	Ratings
RF Average Power	W	20
Maximum DC Voltage Rating	V	50
Maximum DC Current	mA	170
Operating Temperature	°C	-54 ~ +85
Storage Temperature	°C	-65 ~ +150

*\*Operation beyond any one of these parameters may cause permanent damage.*

### Outline

