

FEATURES:

- 50 Ohm Impedance
- 25 MHz – 512 MHz
- 0.6 dB Insertion Loss
- 20 Amp DC Current
- 200 Watts RF CW Power
- 50 Volt DC Rating

APPLICATIONS: ORDERING INFORMATION:

- SW
- VHF, UHF

Model Number	RF	RF+DC
LBST00250512A-1	N Female	N Female
LBST00250512A-2	N Female	N Male
LBST00250512A-3	N Male	N Female
LBST00250512A-4	N Male	N Male

LBST00250512A, 25 MHz – 512 MHz WIDE BAND 20 AMP BIAS-T

ELECTRICAL SPECIFICATIONS @ 21 °C

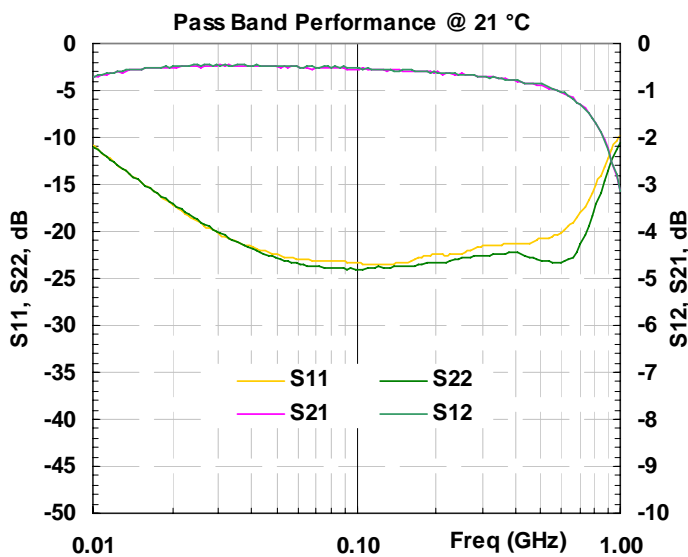
Symbol	Parameters/Conditions	Unit	Min	Typical	Max
f	Passband	MHz	25		512
IL	Insertion Loss	dB		0.6	1.0
I _{dc}	DC Current Handling	A			20
V _{dc}	DC Voltage Handling	V			50
P _o	RF CW Power Handling	W			200
SWR _{ij}	Input/Output VSWR	Ratio		1.35:1	1.5:1

ABSOLUTE MAXIMUM RATINGS¹

Parameters/Conditions	Unit	Maximum
Channel Temperature	°C	+150
DC Supply Voltage	V	50
DC Current	A	20
RF CW Power	W	200
Storage Temperature	°C	-65 ~ +85
Operating Temperature	°C	-40 ~ +70

[1] Operation beyond these limits may cause permanent damage.

ELECTRICAL PERFORMANCE



Heat sink is required for CW high power application!

MECHANICAL OUTLINE

UNITS: INCH
[mm]
BODY: Aluminum Alloy
Finish: RoHS Plating

