

## 1-50GHz 12" BENCH TOP LNA

### FEATURES:

- ❖ Solid State Class A design
- ❖ 50 Ohms In/Out Impedance
- ❖ Rugged Construction
- ❖ Economically Prices

### APPLICATIONS:

- ❖ Bench Top
- ❖ Mobile Station



MODEL # CBL01502575R

### ELECTRICAL SPECIFICATIONS @ T =25°C, 50• SYSTEM

Parameter	Min	Typ	Max	Unit
Operating Frequency	1		50	GHz
Small Signal Gain	25		35	dB
Output Power @ 1dB	10			dBm
PSAT	12			dBm
Max. Input Power			-5	dBm
Gain Flatness		10	12	dB
Gain Adjustment range	-	-	-	dB
Input VSWR			2.25:1	-
Output VSWR			2.25:1	-
Noise Figure			7.5*	dB
IP3	-	-	-	dBm
Harmonics @ P1dB		25		dBc
Spurious			60	dBc
DC Voltage	-	-	-	Volt
AC Voltage (Single phase)	110		240	Volt
DC Current			300	mA

### ENVIRONMENTAL CHARACTERISTICS

Parameter	Min	Typ	Max	Unit
Operating Temperature	0		50	°C
Non-Op. Temperature	-65		150	°C
RH w/o condensation			95	%

### MECHANICAL SPECIFICATIONS

Parameter	Value	Units	Limits
Dimensions or Package	11.82 X11.82X3.5	Inch	Max
RF Connectors (In/Out)	2.4mm-F		

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE. 07/06

\* NF CAN BE 6.5dB MAX. FROM 2-50GHz