

CERNEXWAVE

1-60GHz 12" Desktop LNA

FEATURES:

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

APPLICATIONS:

- ❖ Bench Top
- ❖ Mobile Station



MODEL # CBL01602580R

ELECTRICAL SPECIFICATIONS @ T =25°C, 50Ω SYSTEM

Parameter	Min	Typ	Max	Unit
Operating Frequency	1		60	GHz
Small Signal Gain	25			dB
Output Power @ 1dB		10		dBm
PSAT		12		dBm
Max. Input Power			-5	dBm
Gain Flatness		10		dB
Input VSWR		2.25:1		-
Output VSWR		2.25:1		-
Noise Figure			8*	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)	V-F		

CERNEXWAVE RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE.

* NF CAN BE 7dB MAX. FROM 2-60GHz