

CERNEX, Inc.

2-4GHz, 19" RACKMOUNT AMPLIFIER

FEATURES:

- ❖ Solid State Class A design
- ❖ Instantaneous Broadband



APPLICATIONS:

- ❖ Bench Top
- ❖ General High Power Laboratory RF Source

MODEL # CBP02045150ROP

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

Parameter	Min	Typ	Max	Unit
Operating Frequency	2		4	GHz
Small Signal Gain	51			dB
Gain Flatness			+/-3.0	dB
Psat		50		dBm
Power at P1dB	47.78			dBm
IP3		55		dBm
VSWR			2:1	-
AC Voltage		110-240		VAC
AC Input Power			800	W
RF Input			+10	dBm

ENVIRONMENTAL CHARACTERISTICS

Parameter	Min	Typ	Max	Unit
Operating Temperature	0		50	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Units	Limits
Dimensions or Package	19x5.25x20	Inch	Max
Connectors	N-F		