



2-8GHz 20W 19" RACKMOUNT AMPLIFIER

FEATURES:

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



APPLICATIONS:

- ❖ Bench Top
- ❖ Mobile Station

MODEL # CBP02084542R

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

Parameter	Min	Typ	Max	Unit
Operating Frequency	2		8	GHz
Small Signal Gain	45		55	dB
Output Power @ 1dB	42			dBm
PSAT	43			dBm
Max. Input Power			10	dBm
Gain Flatness		4	5	dB
Gain Adjustment range	-	-	-	dB
Input VSWR			2:1	-
Output VSWR			2:1	-
Noise Figure			8	dB
IP3		49		dBm
Harmonics @ P1dB		25		dBc
Spurious			60	dBc
DC Voltage	-	-	-	Volt
AC Voltage (Single phase)	110		240	Volt
DC Current			18	A

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	19X7.9X 14	Inch	Max
RF Connectors (In/Out)	SMA-F		

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