

CERNEX, Inc.

2-18GHz 10W 19" 4U 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 # CBPG02184040R

Note: EUS is required when ordered

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

Parameter	Min	Typ	Max	Unit
Operating Frequency	2		18	GHz
Small Signal Gain	40			dB
PSAT	40			dBm
Gain Flatness (+/-)		3		dB
Input VSWR			2:1	-
Output VSWR			2:1	-
IP3		47		dBm
AC Voltage (Single phase)	110		240	Volt
AC Power		160		W

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. 06/13