

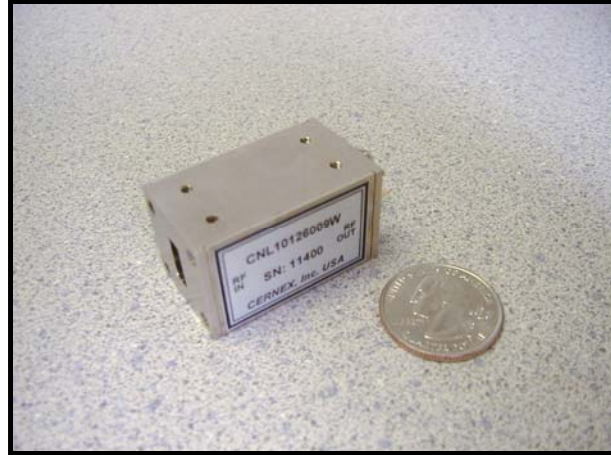
10.7-12.75GHz WAVEGUIDE LNA

FEATURES:

- ❖ Solid State Class A design
- ❖ 50 Ohms In/Out Impedance
- ❖ Rugged Construction
- ❖ Very Compact Size

APPLICATIONS:

- ❖ Satellite Communications
- ❖ Point to Point Communications



MODEL # CNL10126011W

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

Parameter	Min	Typ	Max	Unit
Operating Frequency	10.7		12.75	GHz
Noise Temperature (°K)			85	°K
Gain	60			dB
Gain Flatness			±1	dB
Input VSWR			1.3:1	-
Output VSWR			1.8:1	-
Output Power @ P1dB	10			dBm
DC Voltage		12		Volt
DC Current		150		mA

ENVIRONMENTAL CHARACTERISTICS

Parameter	Min	Typ	Max	Unit
Operating Temperature	-40		60	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit	Limit
Input Connectors	WR75		
Output Connectors	SMA-F		
Dimensions (WxLxH)	1.5''x 1.7''x 1.5''	Inch	Max

OTHER FREQUENCIES, NF AND POWER LEVEL ARE ALSO AVAILABLE UPON REQUEST
CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE