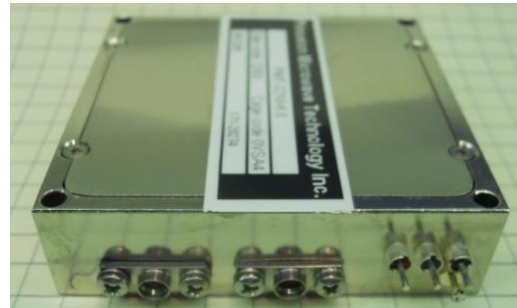


Phase Locked Oscillator External Reference	MODEL: PmT-3210-Frequency (GHz)
---	--

Features:

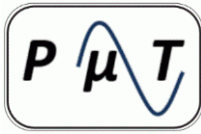
- Small Size
- Excellent Phase Noise
- Low Cost
- Crystal Frequency Stability
- Phase Locked Resonator Oscillator
- SMT Fabrication
- Low Phase Noise
- Packaged Active Devices



Electrical Specifications

Model: PmT-3210-Frequency (GHz)

Parameters	Specifications
Frequency Range	0.3 to 24 GHz
Power Output	+14 dBm
Load VSWR	2.0:1
Spurious	-80 dBc
Harmonics	-25 dBc
Alarm	High Z
Phase Noise 10 KHz Offset 100 KHz Offset 1 MHz Offset	20 Log N + 3 (N=Output Frequency/Reference Frequency) -120 dBc/Hz 140 dBc/Hz
Reference Input Frequency	100 MHz
Reference Input Power	0±3 dBm
Frequency Stability	Same as Ext Ref
Voltage	12/15 V
Current	250 mA
Package Outline	Figure 101
Connector	SMA-F
Operating Temperature	-25 to 70 °C
Storage Temperature	-55 to 125°C
Size (inches)	2.25 x 2.25 x 0.62 inches
Finish	Nickel Plated



Package:

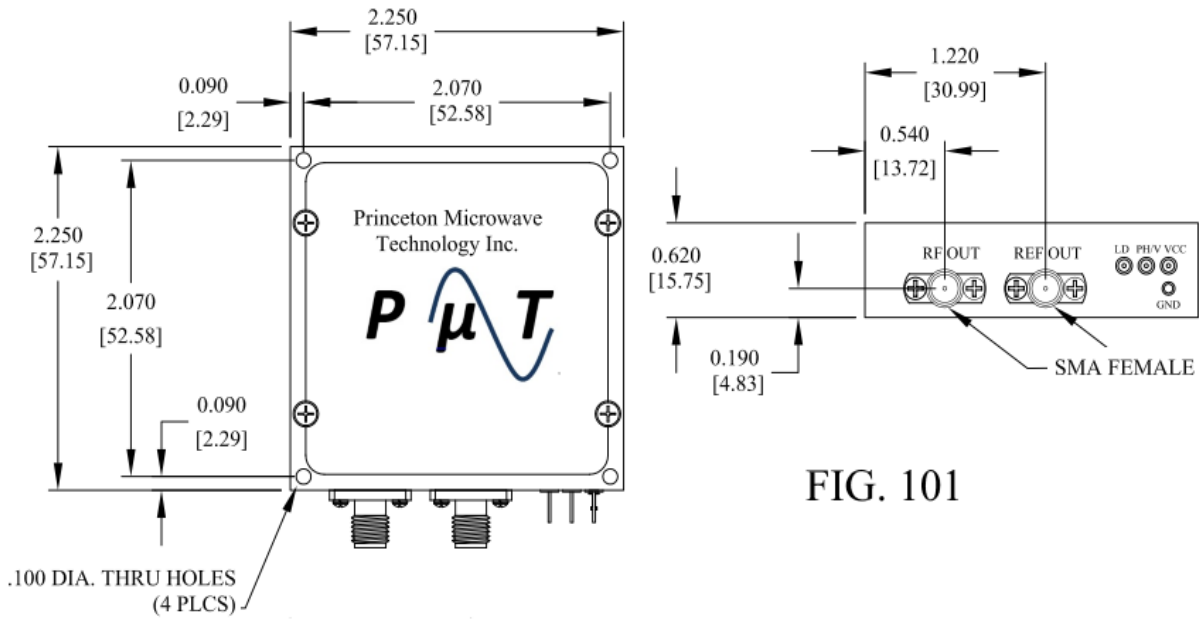


FIG. 101

Typical Phase noise plot:

