

**Description**

Mi-Wave's 957 Series Phase Locked Oscillator

**Notes**

Any one fixed frequency between 100MHz-110GHz can be chosen and power upto 30 dBm is available depending on the frequency.

S/N: .

**Electrical Specifications**

	Minimal	Typical	Maximum
Frequency	100 MHz		110 GHz
Output Power		upto 30 dBm	
External Reference Frequency	1 MHz	10 MHz	600 MHz
External Reference Frequency Power level		3-7 dBm	
Phase noise		91 dBc@100kHz of.	
		115 dBc@1MHz of.	
		133 dBc@10MHz of.	
Harmonics		-30 dBc	
Spurious level			-60 dBc
Bias	+8 Vdc		+15Vdc
Lock time		3ms	
Operating Temperature range	-20°C		50°C

**Physical Specifications**

Output Port	Coaxial or Waveguide interface
Bias	Solder Pins
External reference input connector	SMA female
Case Material	Aluminum



Tested by: LS

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