

Datasheet

Features:

- ▶ ITAR-Free
- ▶ Excellent Performance
- ▶ Ultra Low Phase Noise
- ▶ Low Spurious
- ▶ Wide Operating Temperature
- ▶ Low Power Consumption
- ▶ Compact Packages
- ▶ High Output Power

Applications:

- ▶ Communication Test Equipment
- ▶ Radar Systems



*illustration only

Specifications:			
XO reference frequency:		120MHz	
Frequency accuracy:		< 50ppm / Frequency-Step: 5 MHz	
Sypply Voltage:		5.6V/<1A	
All outputs power:		+13dBm +/-1dB	
Spurious:		-60 dBc	
Harmonics:		-40dBc	
Size:		approx 120mm x 120mm x 32mm	
Connectors:		DC RF	
DC		25pin D-Sub	
RF		SMA-FEMALE	
Operating Temperature Range:		-35°C ++65°C	
Switching speed:		<100µs	
Altitude:		Up to 2000m	
Humidity:		95% RG+ Water resistance	
Outputs:			
A 120 MHz by ultra low noise crystal oscillator			
	B 360 MHz	D 960 MHz	E 15000-16000 MHz
Typical phase noise without vibration @ offset frequency			
10Hz	-88dBc	-77dBc	-52dBc
100Hz	-117dBc	-106dBc	-80dBc
1kHz	-138dBc	-119dBc	-92dBc
10kHz	-145dBc	-128dBc	-100dBc
100kHz	-156dBc	-137dBc	-109dBc
1MHz	-158dBc	-147dBc	-119dBc
10MHz	-158dBc	-154dBc	-153dBc
OTHER FREQUENCY ON REQUEST			

