





**Specifications**

Oscillator Specification	Sym	Condition	Value			Unit	Note
			Min.	Typ.	Max.		
Frequency Range			10		1500	MHz	
Output			LV-PECL				
Rise Time / Fall Time	Tr / Tf				1	nsec	
Start Time		10—1500MHz			10	msec	
Output Load			50 Ohm to Vcc-2V				
Symmetry (Duty ratio)			45		55	%	
<b>Power Supply</b>							
Supply Voltage	V <sub>DD</sub>			3.3		V	2.5V available
Supply Current					100	mA	
Voltage Vol (Max.) /Voh (Min.)			Vcc-1.62V /Vcc-1.026V				
<b>Frequency Stability</b>							
Frequency Stability		Inclusive of frequency tolerance at 25°C, variation over temperature, supply voltage variation, aging and vibration	±25ppm, ±50ppm, or specify			ppm	
Aging		@+25°C 1st year			±3	ppm	
Phase Jitter (12KHz~20MHz)					1	ps	
Phase Noise (156.25MHz) at 1KHz				-113		dBc/Hz	
<b>Environmental Conditions</b>							
Operating temperature range		-40°C to +85°C					
Storage temperature range		-55°C to +125°C					