



The content of this specification may change without notification 10/01/09

## Oscillators



Plug-in

### Commercial Narrowband Voltage Controlled Oscillators 0.6 to 10.5GHz

P/N	Freq. Range (GHz)	Power Output (dBm)	Power Output Flatness @25 °C (dBm)	Operating Temperature (°C)	Storage Temperature (°C)	Harmonics (dBc)	Spurious (dBc)	Tuning Voltage (V)	Tuning Port Capacitor (pF)	Phase Noise @100KHz (dBc/Hz)	Power Supply (V/mA)	Linearity	Case
ZC8060	0.6 - 1	10	± 2.0	0 - +70	-60 - +90	-	-60	0 - +20	50	-117	+15/50	-	V1,V5
ZC8080	0.8 - 1.4	10	± 2.0	0 - +70	-60 - +90	-	-60	0 - +20	50	-107	+15/50	-	V1,V5
ZC8090	0.9 - 1.6	10	± 2.0	0 - +70	-60 - +90	-	-60	0 - +20	50	-107	+15/50	-	V1,V5
ZC8150	1.5 - 2.5	10	± 2.0	0 - +70	-60 - +90	-	-60	0 - +20	50	-95	+15/200	-	V1,V5
ZC8200	2 -	10	± 2.0	0 - +70	-60 - +90	-	-60	0 - +20	50	-95	+15/200	-	V1,V5
ZC8240	2.4 - 3.7	10	± 2.0	0 - +70	-60 - +90	-15	-60	0 - +20	50	-95	+15/200	-	V1,V5
ZC8360	3.6 - 4.3	10	± 2.0	0 - +70	-60 - +90	-15	-60	0 - +20	50	-90	+15/200	-	V1,V5
ZC8430	4.3 - 5.8	10	± 2.0	0 - +70	-60 - +90	-15	-60	0 - +20	50	-90	+15/200	-	V1,V5
ZC8580	5.8 - 6.6	10	± 2.0	0 - +70	-60 - +90	-15	-60	0 - +20	50	-85	+15/200	-	V1,V5
ZC8650	6.5 - 8.6	10	± 2.0	0 - +70	-60 - +90	-15	-60	0 - +20	50	-80	+15/300	-	V1,V5
ZC8810	8.1 - 9.1	10	± 2.0	0 - +70	-60 - +90	-15	-60	0 - +20	50	-75	+15/300	-	V1,V5
ZC8900	8.5 - 9.6	10	± 2.0	0 - +70	-60 - +90	-15	-60	0 - +20	50	-75	+15/300	-	V1,V5
ZC8910	9.5 - 10.5	10	± 2.0	0 - +70	-60 - +90	-20	-60	0 - +20	50	-75	+15/300	-	V1,V5

**Notes:**

1. All specifications are guaranteed at -0 °C to +70 °C temperature range.
2. Temperature range -55 °C to +85 °C are available upon request.
3. Custom Designs Available