



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