



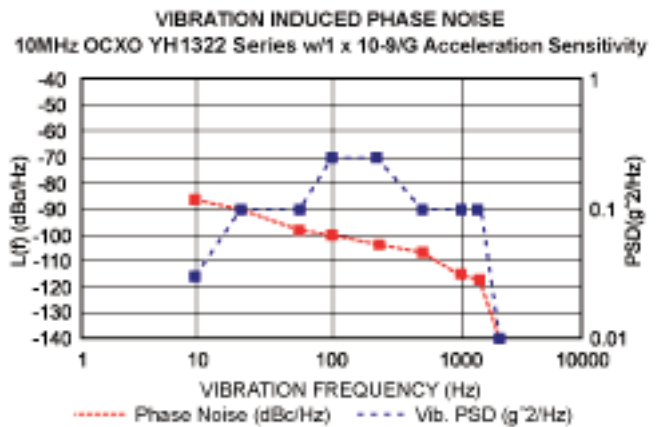
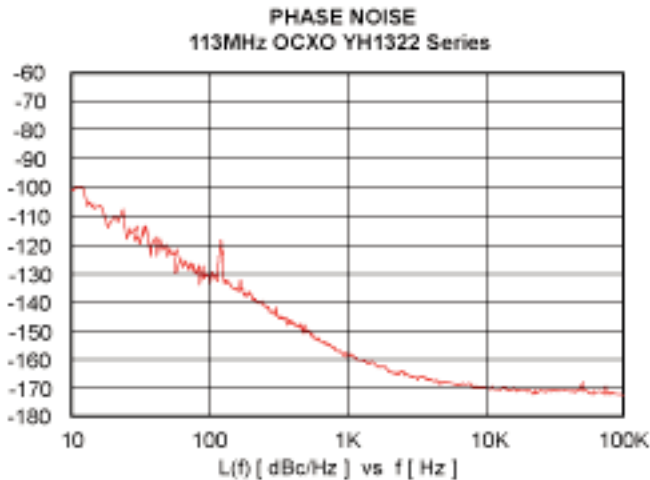
frequency control solutions

Oven Controlled Crystal Oscillators

Greenray OCXOs are available in a variety of packages from miniature DIP and SMT to larger, industry-standard sizes. We offer a wide range of frequencies, from 1MHz to 200 MHz, to satisfy your specific requirements.

Our unique design techniques focus on low phase noise and tight frequency stability over temperature, and offer excellent long-term characteristics for use in military and communications applications.

Key examples of our OCXO product line follow. For detailed information, product Data Sheets (pdf file format) are provided. You can also link to our Interactive Product Selector at the bottom of this page. To inquire about custom specifications, call us at 717-766-0223 and talk to a Greenray engineer.



YH1518

Excellent Phase Noise & Compact Package
Frequency Range: 110 - 250MHz
Output Signal: Sine
26.92 x 36.07 x 12.70 mm (1.06 x 1.42 x 0.50 in.)



YH1300

Low g-Sensitivity & Tight Stability
Frequency Range: 10 - 50MHz
Output Signal: CMOS Squarewave or Sine
20.32 x 12.70 x 9.40 mm (0.80 x 0.50 x 0.37 in.)



Greenray Industries, Inc.

Telephone: 717-766-0223 Fax: 717-790-9509 E-mail: sales@greenrayindustries.com



frequency control solutions

Oven Controlled Crystal Oscillators (p.2 of 3)

YH1320 & YH1321

Low Phase Noise, tight Stability & pin connections
Frequency Range: 10 - 100MHz
Output Signal: HCMOS
50.8 x 50.8 x 19.05 mm (2.0 x 2.0 x 0.75 in.)



ZYH1002 & ZYH1003

Small size, fast warm-up, low input power
Available end of Q2 2007
Frequency Range: 10 - 50MHz
Output Signal: CMOS/Sine or Clipped Sine
20.32 x 12.70 x 9.40 mm (0.80 x 0.50 x 0.37 in.)



YH1322

Very low Phase Noise & tight Stability (-168dBc floor)
Connector style
Frequency Range: 10 - 120MHz
Output Signal: 10dBm Sine
50.8 x 50.8 x 19.05 mm (2.0 x 2.0 x 0.75 in.)



YH1420 & YH1421

Good Stability, small DIP package, RoHS compliant
Frequency Range: 10 - 100MHz
Output Signal: HCMOS (YH1420) Sine (YH1421)
20.32 x 12.70 x 9.40 mm (0.80 x 0.50 x 0.37 in.)



YH1350 & YH1351

Tight Stability, low Phase Noise, compact package
Frequency Range: 5 - 100MHz
Output Signal: HCMOS; 10dBm Sine (YH1351)
38.10 x 38.10 x 19.05 mm (1.5 x 1.5 x 0.75 in.)



YH1410

Low Phase Noise, small 1in. sq. package
Frequency Range: 5 - 100MHz
Output Signal: 10dBm Sine
25.40 x 25.40 x 19.05 mm (1.0 x 1.0 x 0.75 in.)



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frequency control solutions

Oven Controlled Crystal Oscillators (p.3 of 3)

YH1310

Standard Euro package, hermetically sealed
Frequency Range: 10 - 30MHz
Output Signal: 5dBm Sine
35.05 x 26.90 x 12.70 mm (1.38 x 1.06 x 0.50 in.)



YH1440 & YH141

Compact SMT, hermetic seal package, RoHS compliant
Frequency Range: 10 - 100MHz
Output Signal: AC MOS; 0dBm Sine (YH1441)
25.40 x 22.00 x 10.20 mm (1.0 x 0.87 x 0.41 in.)



YH1330

Hermetic seal package, RoHS compliant
Frequency Range: 10 - 30MHz
Output Signal: Sine
19.18 x 19.18 x 9.91 mm (0.775 x 0.775 x 0.390 in.)



YH1460 & YH1461

Tight Stability, good Phase Noise, small 1in. sq. package
Frequency Range: 10 - 100MHz
Output Signal: Sine (YH1460) AC MOS (YH1461)
25.40 x 25.40 x 10.41 mm (1.0 x 1.0 x 0.41 in.)



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