

MULTIPLIED CRYSTAL OSCILLATOR TO 1 GHz

XTM SERIES: 130 – 1000 MHz

FEATURES

- Low phase noise
- Mechanical tunability



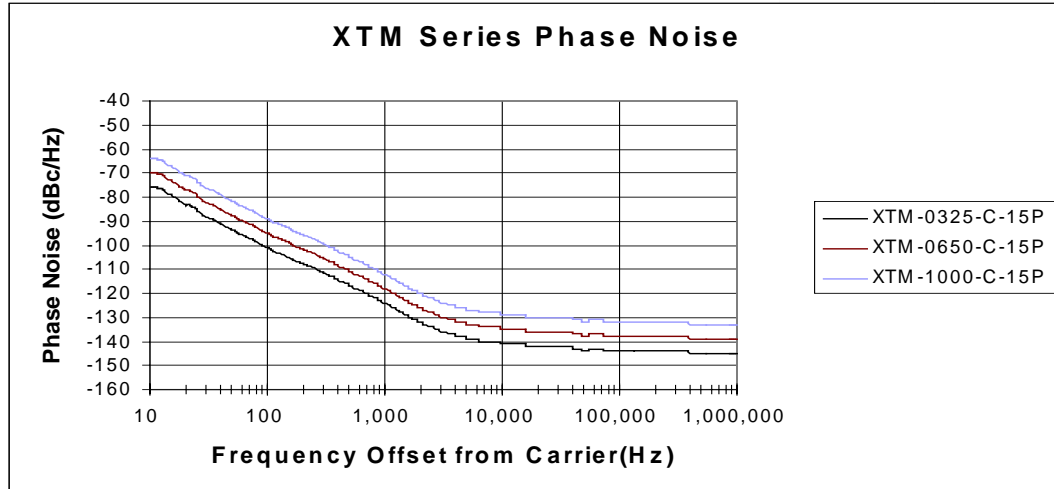
ORDERING INFORMATION

XTM - - - P

Output freq.
(MHz)

Stability
option

Supply
voltage



ELECTRICAL SPECIFICATIONS

Output frequency range	130 – 1000 MHz
Output power	+10 dBm minimum
Output power variation (0 to 60°C)	±1 dB maximum
Output impedance	50 ohms
Phase noise	See graph
Harmonic output	-30 dBc minimum
Spurious output	-60 dBc minimum
Load VSWR	1.5:1 nominal
Frequency stability	See Stability Options
DC power requirements	+15, or +20 volts @ 240 mA nominal

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MECHANICAL SPECIFICATIONS

Weight..... 300 grams nominal
RF connector SMA female
DC connectors..... Feedthru filter

STABILITY OPTIONS

B. ± 20 ppm (-25 to +75°C).
C. ± 5 ppm.

ENVIRONMENTAL SPECIFICATIONS

Temperature
Operating..... See Stability Options
Storage..... -45 to +85°C
Humidity 95% at 40°C noncondensing
Shock (survival)..... 30 g's, 10 ms pulse
Vibration (survival)..... 20 to 2000 Hz random to 4 g's

OUTLINE DRAWINGS

XTM SERIES

