



PRECISION DEVICES

Frequency Control Solutions

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OCXO's From PDI

	OCXO-100 25.4 x 25.4mm	10.000 MHz - 100.000 MHz 20.0ppb @ -20+70°C 30.0ppb @ -40+85°C Sinewave or Squarewave output	Standard OCXO using AT Cut. Alternatively, using SC Cut for improved Stability and Phase Noise performance
	OCXO-110 25.4 x 25.4mm	48.000 MHz to 1 GHz 50.0ppb @ 0+50°C 300.0ppb @ -40+85°C Phase noise floor of: -170dBc/Hz	Low Phase Noise performance for 100 MHz: <-127dBc/Hz @ 100 Hz <-170dBc/Hz @ 100 kHz
	OCXO-200 38.1 x 27.94mm Europack	5.000 MHz to 40.000 MHz 15.0ppb @ -20+70°C 30.0ppb @ -40+85°C	Standard OCXO using AT Cut. Alternatively, using SC Cut for improved Stability and Phase Noise performance
	OCXO-210 38.1 x 27.94mm Europack	8.192 MHz to 20.000 MHz 0.5ppb @ -40+70°C Sinewave or Squarewave output Phase noise floor of: <-161dBc/Hz	High precision OCXO with Low Phase Noise performance for 10 MHz: <-155dBc/Hz @ 100 Hz
	OCXO-300 25.4 x 22.0mm SMD	10.000 MHz - 20.000 MHz 5.0ppb @ -20+70°C 10.0ppb @ -40+70°C Oven Alarm/On Off function	Precision OCXO in a Surface Mount package
	OCXO-400 20.3 x 20.3mm	8.192 MHz - 20.000 MHz 1.0ppb @ 0+50°C 2.0ppb @ -40+70°C Sinewave or Squarewave output	High precision OCXO in an Ultra Miniature package. Low Phase Noise performance for 10 MHz: <-150dBc/Hz @ 100 Hz
	OCXO-500 50.8 x 50.8mm	10.000 MHz - 40.000 MHz 0.2ppb @ 0+55°C 1.0ppb @ -40+85°C Sinewave or Squarewave output	Ultra high precision OCXO with Low Phase Noise performance For 10 MHz: <-157dBc/Hz @ 100 Hz

Note: Specifications are for guidance purposes and are subject to change

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About PDI

Precision Devices (PDI) has global facilities in the US, UK and China, from where it designs and manufactures frequency control products. With an established engineering heritage PDI offers a comprehensive range of precision engineered crystals, crystal filters and clock oscillators, voltage controlled oscillators (VCXOs), temperature compensated crystal oscillators (TCXOs) and oven controlled crystal oscillators (OCXOs). PDI supports customers in a wide range of industry sectors including RF/microwave, avionics, space, defence, automotive, telecommunications and consumer. For further information on PDI and its products, see www.pdixtal.com

PDI is proud to be able to offer compliance with the following standards and certifications: ISO9001, ISO14001, TS16949, MIL-PRF-3098, MIL-PRF-38534, MIL-PRF 790, NASA/JPL-1348