Model N6B OCXO

Description:

Bliley N6B OCXO is a Double Oven design with Temperature Stability as low as .4ppb. This coupled with an extremely attractive sell price makes it an outstanding combination

This design of OCXO are well suited for network timing and general precision applications

Features:

- Available with +5VDC input supply voltage.
- Sinewave output available.
- Frequency vs. Temp Stability as low as ±.4ppb

Phase Noise:

Frequency Offset	Option A
1 Hz	-90 dBc/Hz
10 Hz	-120 dBc/Hz
100 Hz	-135 dBc/Hz
1 KHz	-145 dBc/Hz
10 KHz	-150 dBc/Hz

Supply Voltage & Power Consumption:

Supply Voltage	5V +/-5%
Power Consumption	9.0W Startup Power 3.0W Steady State
Product Code	**D**

Output Type

Sinewave Type 1	5dBm +/-2dBm	15pF//50ohm

Operating Temperature and Frequency Stability:

Temperature Range Code	Operating Temperature	Stability Code +/- .4 ppb
3	-20 to +70°C	**A**

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Pulling Range (Positive Slope):

Supply 5Vdc	Tuning Range (0V to 5 on Vcontrol)	0.3 to 0.7ppm
Product Code	B	
Product Code	A (no EFC)	

Aging: (typical at 10 MHz after 30 days continuous operation)

Frequency	Timeframe	Aging
10 MHz	1 Year	Less than .1ppm

Ordering Options:

Model #	Phase Noise	Operating Temp	Freq vs. Temp Stability	Supply Volt	Output Type	EFC	Frequency
N6B	**A**	**3**	**A**	**D**	**1**	**A**	**10M**
						B	

Part number format N6A-LNL-LNL-10M