

Oven Controlled Crystal Oscillator (OCXO)



TCO-632 Series

Features

- Low profile
- Fast warm-up
- Low SSB phase noise
- Low power consumption

Application

- Base Station
- Measurement system

Specifications

Type	TCO-632B	TCO-632B1
Frequency	10 MHz	
Supply voltage	+12 V±5%	
Stability vs Temperature	$\pm 3 \times 10^{-8}$ / -10 to +60 °C (at +25°C)	$\pm 1 \times 10^{-8}$ / -10 to +60 °C (at +25°C)
Stability vs Supply Voltage	$\pm 5 \times 10^{-9}$ / +12 V±5%	
Aging	$\pm 5 \times 10^{-9}$ / day $\pm 5 \times 10^{-8}$ / year	$\pm 5 \times 10^{-9}$ / day $\pm 2 \times 10^{-8}$ / year
Warm-up	$\pm 2 \times 10^{-8}$ / within 30minutes	
Output level	TTL compatible (Fanout-2)	
Supply current	Warm-up	400 mA max.
	Steady state at 25°C	150 mA max.
Frequency adjustment	$\pm 3 \times 10^{-7}$ min. / by internal potentiometer	
Weight	100 g max.	

Package Outlines [Dimensions in mm]

