

# Gated-Delay Line Oscillator

2-Phase

16 pins DIP  
ECL Interfaced

SERIES: DLO-50

data  
delay  
devices, inc. 

## Features:

- Continuous or keyable wavetrain.
- Locked synchronization achieved with random gating signal.
- Low profile module.
- Available from 50 MHZ to 100 MHZ frequencies.
- Complimentary outputs.



## Specifications:

- Frequencies: See table; others on request.
- Tolerance:  $\pm 2\%$ .
- Temperature coefficient: 100 PPM/°C.
- Operating temperature: 0°-70°C.
- Supply voltage: 5 Vdc  $\pm 5\%$ .
- Supply current: 90 ma. typ.
- Storage temperature: -55°C to 125°C.
- Inherent delay ( $T_{DO}$ ): 1 ns typ.
- Pulse skewing = .5 ns typ.
- DC parameters: See ECL-10KH Logic Table on Page 6.

Part Number	Frequency
DLO-50-50	50 MHZ
DLO-50-55	55 MHZ
DLO-50-60	60 MHZ
DLO-50-65	65 MHZ
DLO-50-70	70 MHZ
DLO-50-75	75 MHZ
DLO-50-80	80 MHZ
DLO-50-85	85 MHZ
DLO-50-90	90 MHZ
DLO-50-95	95 MHZ
DLO-50-100	100 MHZ

