

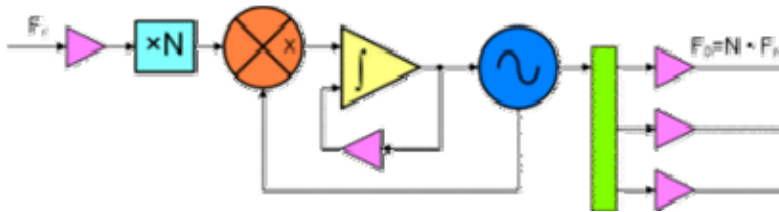
Custom Phase-Locked Ceramic Resonator Oscillator

Features

- High performance PLCRO
- Triple output
- Very low phase noise
- Buffered and isolated outputs.
- Encapsulated for humidity.
- Very low microphonics.



Block Diagram



Description

This is a unique triple output PLCRO. The outputs are heavily isolated and buffered. The unit uses a new RF encapsulating process making it virtually immune to moisture.

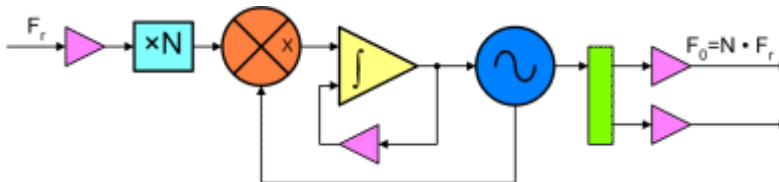
Custom Phase-Locked Dielectric Resonator Oscillator

● Features

- High performance PLDRO
- Very low phase noise
- Full industrial temperature range -45° to $+85^{\circ}\text{C}$
- Dual isolated output option



● Block Diagram



● Description

This is a unique PLDRO developed at Luff for a specialized system application. This unit uses our unique microwave manufacturing techniques and this unit represents unsurpassed performance and value.

● Specific Product Data Sheets (PDF)

- 3 Output 1.85 GHz PLO - 10 MHz external reference input - +12 volt operation - Model: [PLOC1850/10/12](#)
- 3 GHz PLO - 10 MHz external reference input - +12 volt operation - Model: [PLOC3000/10/12](#)
- 2 Output 9.5 GHz PLDRO - 100 MHz reference input - +12 volt operation - Model: [PLOC9500/100/12](#)