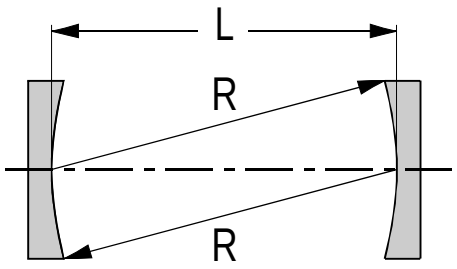
Scanning Fabry-Perot Interferometer

- Confocal cavity design.
- Rigid invar cavity (SCC 750 & 2500).
- Quartz spacer (SCC 250).
- Resolution up to 1MHz (SCC 250).
- Built-in photodiode.
- Low cost.



FSR = c/4L

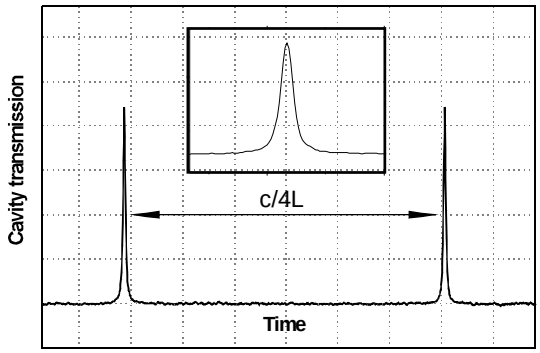
SCC Driver Specifications

- Waveform: triangle
- Output: ±200V
- Scan frequency: line(f), f/2, f/4, f/8
- Optional lock-in amplifier for laser frequency stabilization can be included.

SCC Series

Applications

1. Laser spectrum analysing.
2. Laser linewidth measurement.
3. Laser frequency stabilization.



Specifications

λ , nm	600 -1300		
FSR, MHz	250	750	2500
Finess	>150 (typical 200)		
Resolution, MHz	< 2 MHz	< 5 MHz	< 17 MHz
Cavity Length (L), mm	300	100	30