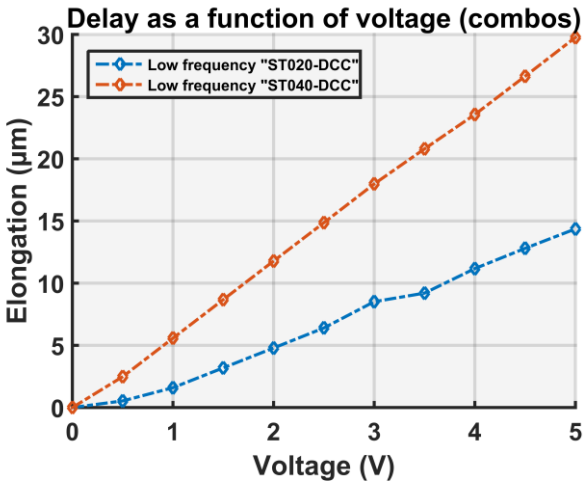
▶ CONTROLLED DELAY - FEMTOSECOND/MICROMETER RANGE

Low-Frequency Combo



- All types of fibers: SM, MM, PM / from UV to IR
- Fiber elongation: 13 or 26µm @100V
- Fiber stretch: 2.5 or 5µm/V
- High tunability resolution: < 10fs
- Modulation (Small signal BW): < 500Hz
- Modulation (Large signal BW): 25 or 50Hz
- Optical loss: < 0.05dB
- Internal fiber length: 20 or 40mm
- Customizable: fiber, termination, stretch range, etc.
- Stretcher dimensions (mm^3): 50x30x20
- Driver dimensions (mm^3): 46x69x20.5

- *Variable optical delay*
- *Interferometric measurements*
- *Feedback loop*
- *Lasers & ultra-intense lasers*

Time delay references @1550nm:
- Up to 0.07ps for ST 20m
- Up to 0.15ps for ST 40µm

Static piezo driver included:
- Power supply: 5V
- Consumption: <2.5W
- Analog modulation signal: 0-5V

LF fiber stretcher 13 or 26µm and associated driver