



Femtosecond Pulse Gallery

All pulses are based on a central wavelength of 800 nm and 10 fs FWHM in time

- (a) bandwidth limited
- (b) bandwidth limited, time delay -20 fs
- (c) linear chirp 200 fs^2
- (d) quadratic chirp 2000 fs^3
- (e) combination of (b),(c) and (d)
- (f) pi jump @ 800 nm
- (g) pi jump @ 835 nm

spectral phase modulation

- (h) sine @ frequency of 20 fs
- (i) cosine @ frequency of 20 fs
- (j) sine @ frequency of 30 fs
- (k) spectral cutoff outside 850 nm and 755 nm
- (l) spectral cutoff between 820 nm and 780 nm
- (m) gaussian dip with FWHM of 0.1 fs^{-1} @ 835 nm
- (n) self phase modulation
- (o) double pulse with pulse-to-pulse delay of 60 fs

spectral amplitude modulation

