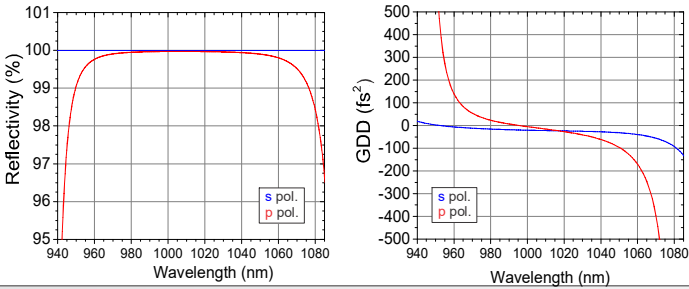


few-cycleTM

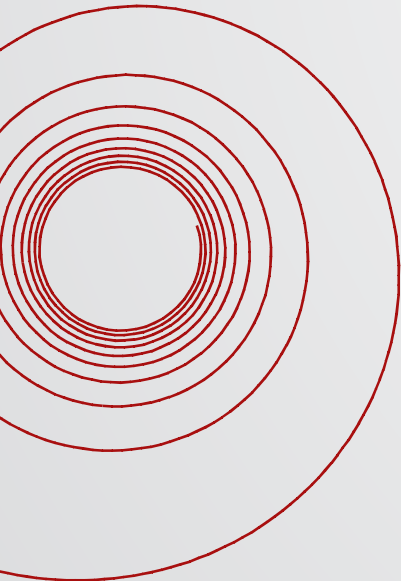
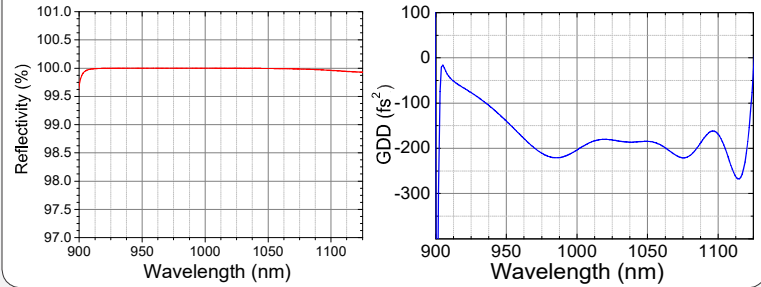
- different solutions

Ultrafast Optics

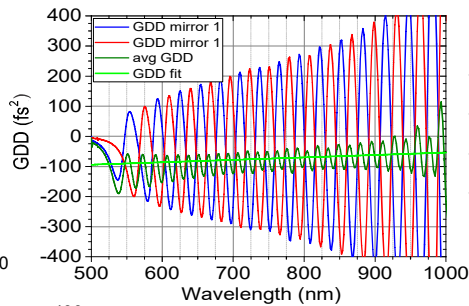
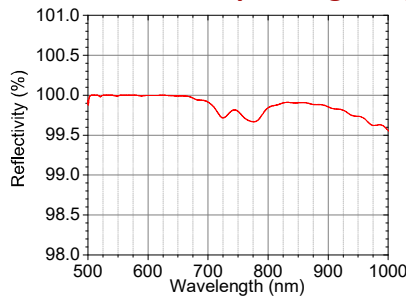
HRs 45°, Low GGD $< \pm 50 \text{ fs}^2$ (950-1070nm) $> 99.8\%$



High Dispersive Chirp Mirrors: $< -200 \text{ fs}^2$ (970-1120nm)

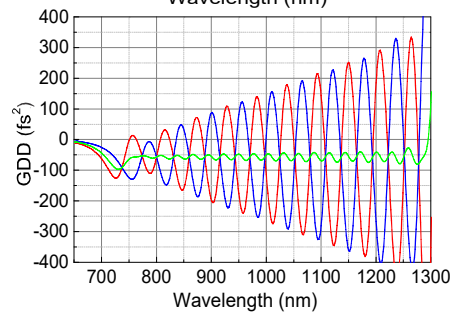
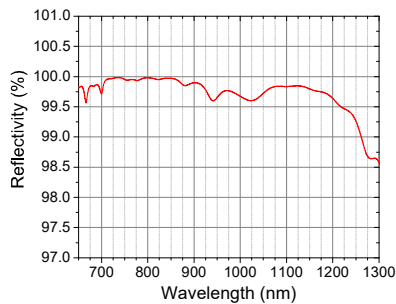


Octave Spanning Chirp Mirror Pair Compressors - compact foot print



For Ti:Sa

- HR $> 99.5\%$
- 500-1020nm
- GDD@800nm: -40 fs^2
- 15cm x 15cm for 2-10 bounces



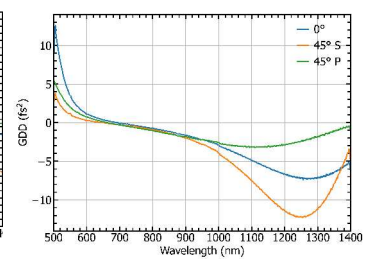
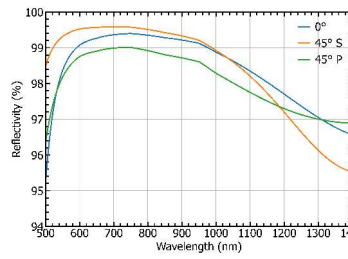
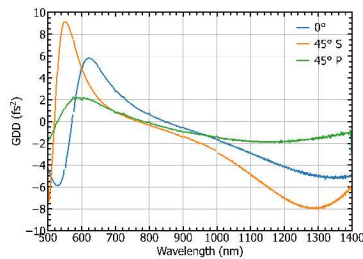
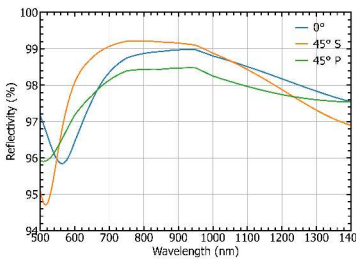
For Yb

- HR $> 99.0\%$
- HR 600-1250nm
- GDD@1030: -56 fs^2
- 15cm x 15cm for 2-10 bounces

for Ti:Sa lasers

fs Enhanced Silver

for Yb doped lasers



Optimized reflectivity and GDD for 45° angle of incidence

Soon available as **high average power option** with low thermal distortion:
up to **100W** with passive cooling / up to **200W** with water cooled mounts