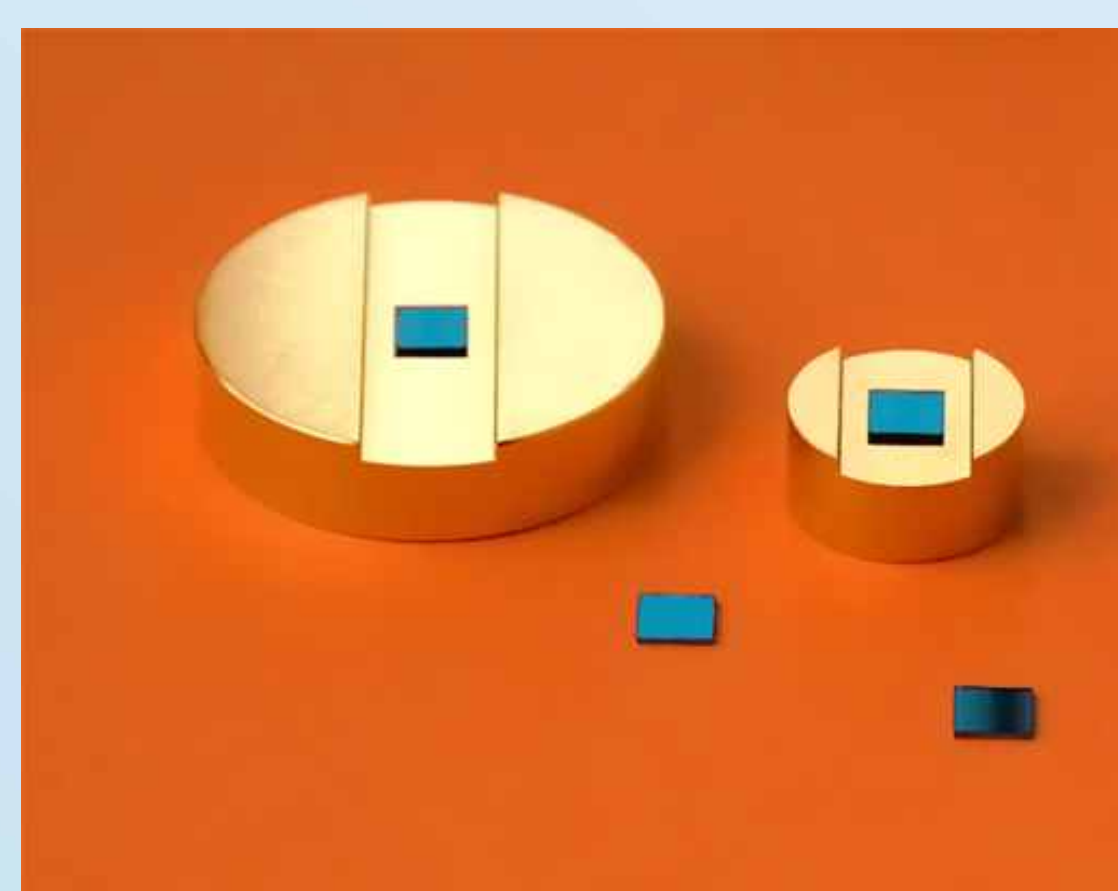
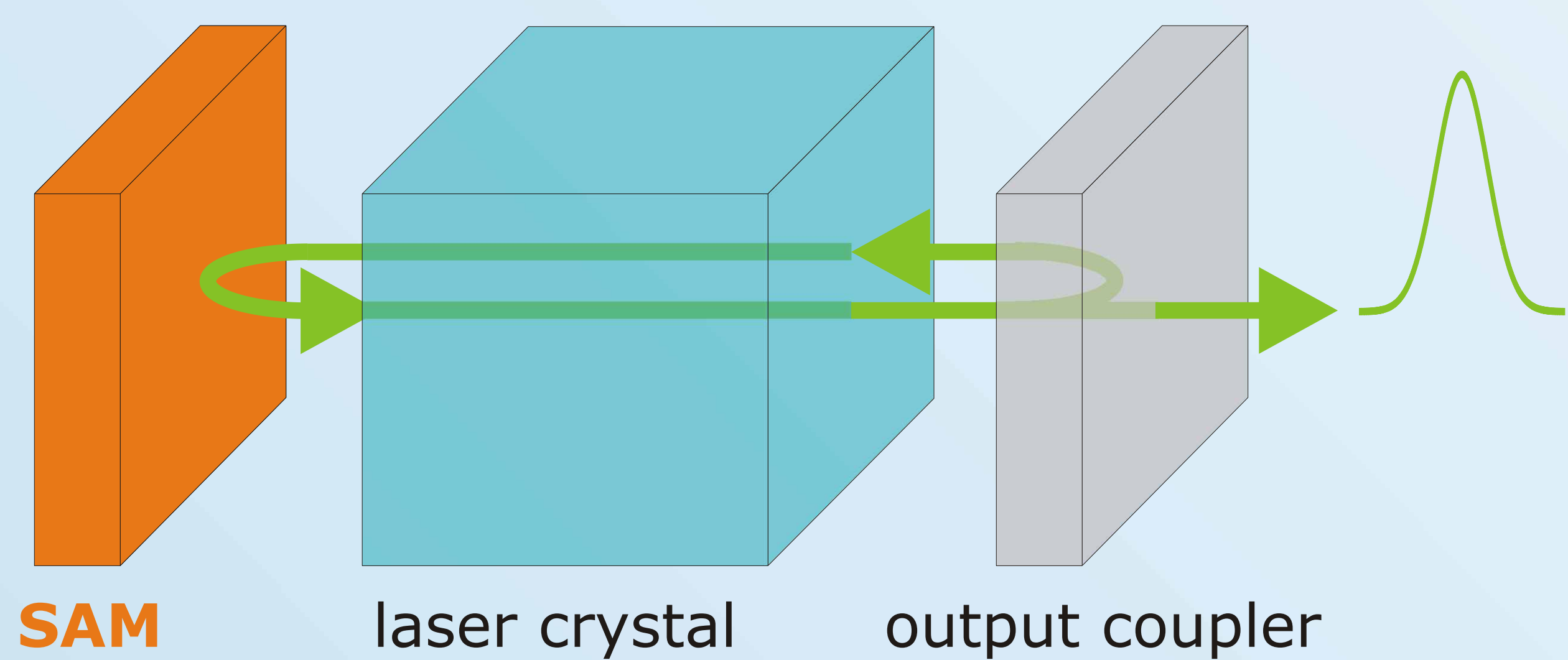


saturable absorbers

for passive mode-locking of solid-state, fiber and microchip lasers

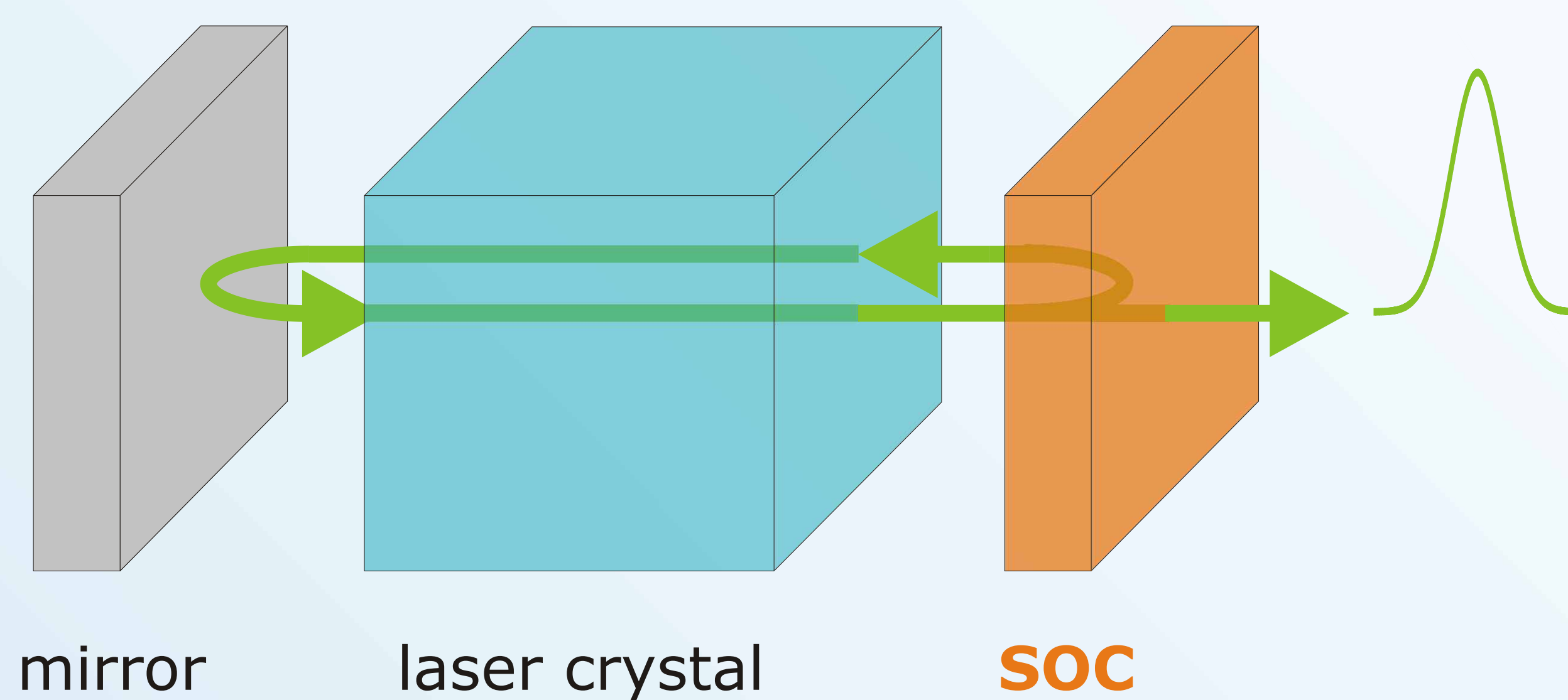
SAM™ - saturable absorber mirror

- high reflecting mirror (>99.7%) + saturable absorber
- wavelengths: 940 nm - 2400 nm
- absorption values: 0.5% - 99%
- relaxation time: 500 fs - 124 ps

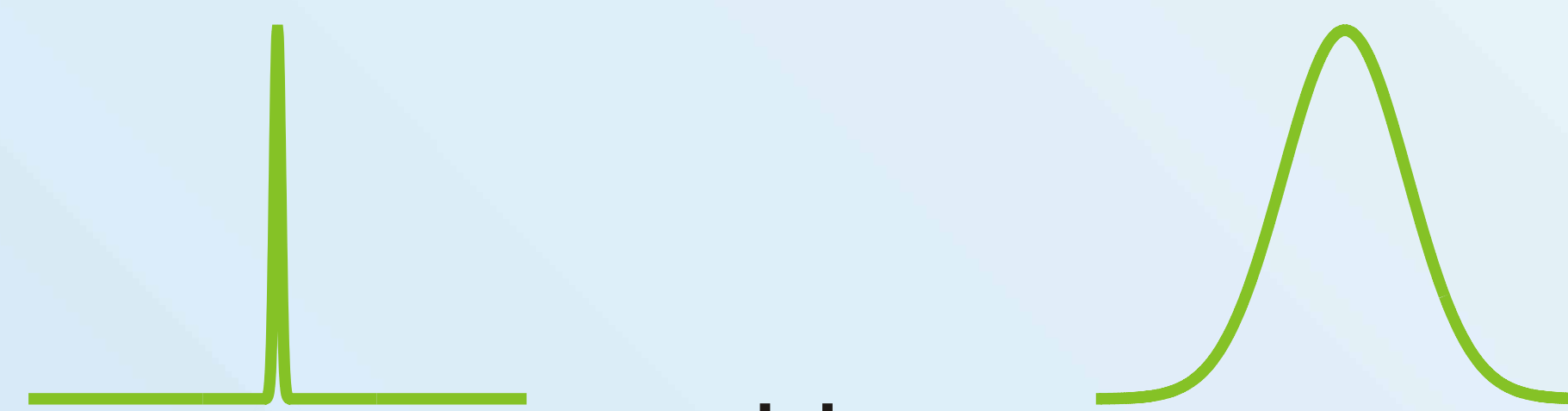


SOC - saturable output coupler

- partially reflecting mirror + saturable absorber
- wavelengths: 1040 nm, 1064 nm, 2000 nm
- absorption values: 0.8% - 40%
- transmission values: 0.3% - 28%

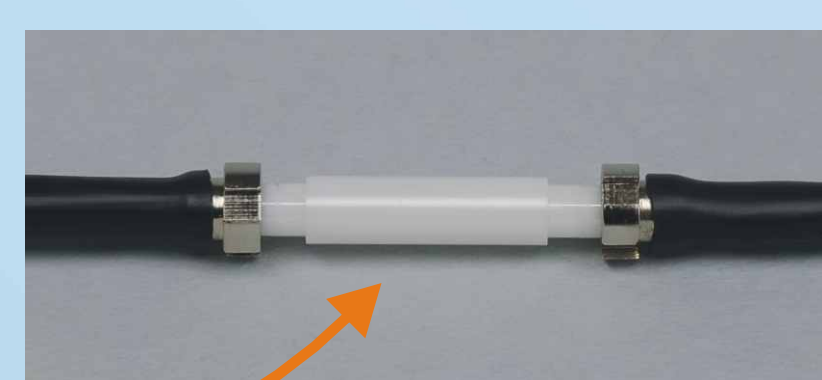
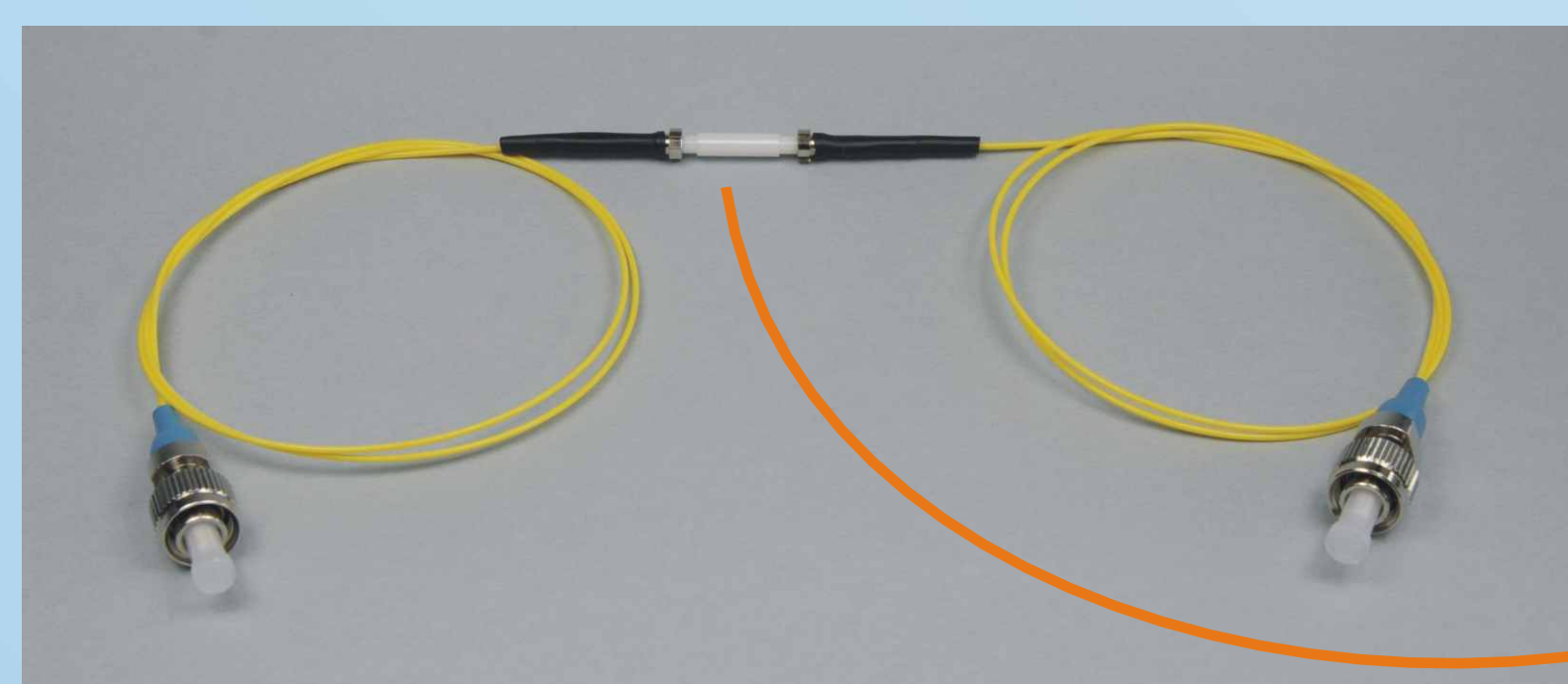
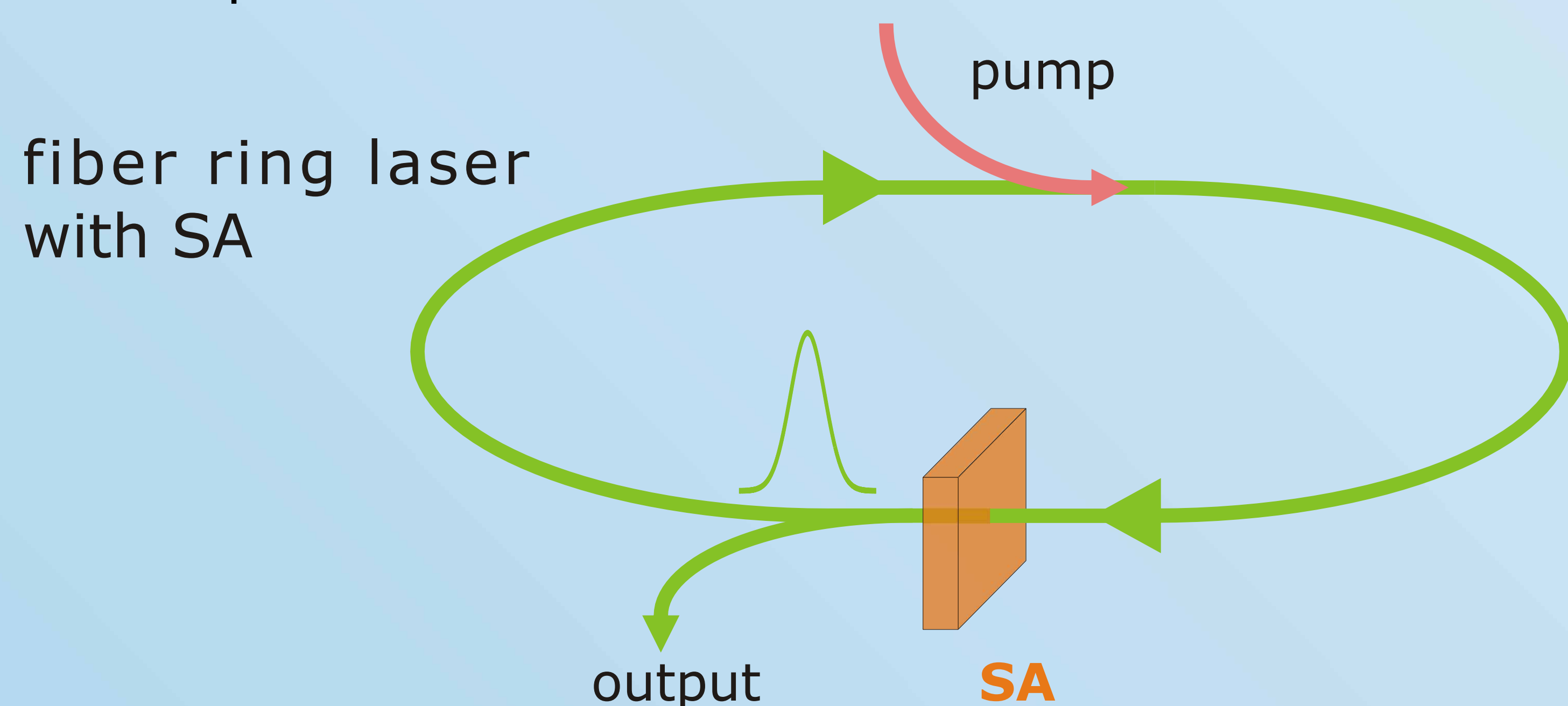


- typical mode-locked pulse widths 100 fs .. 10 ps
- development and production of customized saturable absorbers



SA - saturable absorber

- saturable absorber in transmission
- wavelengths: 1020 nm, 1064 nm, 1550 nm, 2000 nm
- absorption values: 1% - 43%



SANOS - saturable noise suppressor

- saturable absorber mirror for elimination of optical noise between consecutive optical pulses
- wavelengths: 1064 nm, 1550 nm
- noise suppression factor: 8 .. 16

