

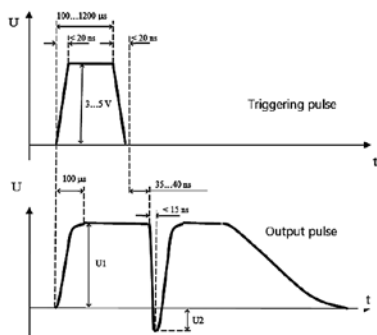
OEM DKDP POCKELS CELLS KIT FOR LAMP PUMPED NANOSECOND LASERS

- Robust design
- M2 – for fast switching
- Q-switching without retardation plate

EKSMA OPTICS offers Pockels cells kit for lamp pumped nanosecond lasers. High voltage through Pockels cell driver DQF is applied to Pockels cell in order to inhibit oscillation. Pockels cell is opened by negative polarity pulse allowing laser to radiate.

DKDP POCKELS CELLS Q-SWITCHING KIT INCLUDES:

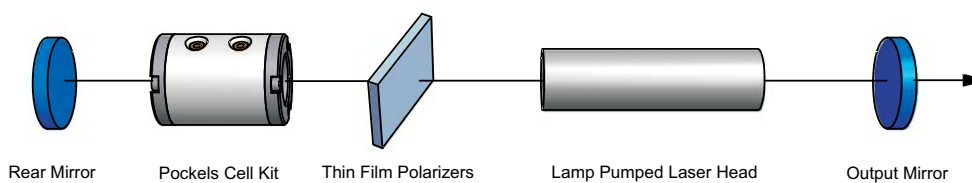
- Low repetition rate Pockels Cell driver *see page 3.8*
- Power supply for Pockels Cell driver *see page 3.14*
- DKDP Pockels cells *see page 3.4*



Time diagram of DQF Pockels cell driver

OEM DKDP POCKELS CELL KITS

Code	Description
QKD-01	for 1064 nm, $\lambda/4$ operation; clear aperture 4.5×4.5 mm; repetition rate up to 200 Hz
QKD-02	for 1064 nm, $\lambda/4$ operation; clear aperture 9.5×9.5 mm; repetition rate up to 200 Hz
QKD-03	for 1064 nm, $\lambda/4$ operation; clear aperture $\varnothing 11$ mm; repetition rate up to 200 Hz
QKD-04	for 1064 nm, $\lambda/4$ operation; clear aperture $\varnothing 8$ mm; repetition rate up to 200 Hz
QKD-05	for 1064 nm, $\lambda/4$ operation; clear aperture $\varnothing 11$ mm; repetition rate up to 200 Hz



BBO POCKELS CELL KIT FOR HIGH REPETITION RATE LASERS

- Robust design
- Pulse repetition rate up to 100 kHz
- Up to 10 kHz no external cooling is required
- Fast HV rise time

EKSMA OPTICS offers BBO Pockels cell kit for Q-Switching of high repetition rate nanosecond lasers and mode locked lasers.

BBO POCKELS CELLS Q-SWITCHING KIT INCLUDES:

- High repetition rate Pockels Cell driver *see page 3.7*
- Power supply for Pockels Cell driver *see page 3.14*
- BBO Pockels cell *see page 3.5*

BBO POCKELS CELLS PHR SERIES KIT

Code	Description
QKB-01	for 1064 nm, $\lambda/4$ operation; clear aperture 2.5 mm; repetition rate up to 100 kHz
QKB-02	for 1064 nm, $\lambda/4$ operation; clear aperture 3.5 mm; repetition rate up to 100 kHz