

Pockels cells

DBBPC Series

- BBO-based double Pockels cell
- suited for Q-switch applications with high repetition rates
- standard wavelength: 1064 nm
other wavelengths on request
- different aperture sizes (see below)
- BBO crystals piezo damped



Electro optical crystal:	BBO
Free aperture:	2.8 / 3.6 / 4.6 / 5.6 mm
Transmission:	> 98%
$\lambda/4$ -voltage @ 1064nm (DC):	1.8 / 2.4 / 3 / 3.6 kV
Distance between pin electrodes:	12 mm
Extinction ratio:	> 1000 : 1
Typical power capability:	> 300 MW/cm ² @ 1064 nm, 10 ns, 1 kHz
Capacitance:	8 pF
Dimensions:	see drawing below

