

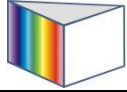
BBO Pockels Cells

- **High repetition rate and damage resistance**
- **Low absorption and acoustic noise**
- **UV transmission**

BBO is one of the electro-optic material choices for high average power **E-O Q Switch** applications. BBO has significant advantages over other materials in terms of laser power handling abilities, temperature stability, and substantial freedom from piezoelectric ringing. Because it relies on the electro optic effect, switching time - aided by the low capacitance of the E-O Q Switch is very fast. The wide transparency range of BBO allows it to be used in diverse applications.



- High repetition rate DPSS Q-Switches
- High repetition rate regenerative amplifier control
- Cavity dumping
- Beam chopper



SPECIFICATIONS

Specifications of BBO Pockels cells	
Aperture	2.5mm
Quarter-wave voltage	3.4KV
Optical Transmission	>98%
Damage Threshold	500MW/cm ² @ 10ns, 1064nm
Wavefront Distortion @ 1064	< Lambda/8
Typical Capacitance	< 3pF
Outline Dimension	φ25.4 x 44mm