



BBO Pockels Cells for High Switching Rates DBBPC HR Series

The new LINOS Double BBO High-Repetition Pockels Cells (DBBPC HR) from Qioptiq enable the fastest possible switching rates available today with > 1.3 MHz performance. Together with the low absorbing BBO crystals the DBBPC HR Pockels cells are perfectly suited for the next generation of fast high power regenerative amplifiers and pulse pickers.

Features

- BBO Pockels cell with 2 crystals in optical series
- For high switching rate applications up to > 1.3 MHz
- For high average power applications
- Design wavelength 1030 nm (other wavelengths on request)
- Damage threshold @ 1064nm, 74 ps: > 4 J/cm²
- Reduced switching voltage
- Suitable for quarter- and half-wave mode applications
- For Q-Switching, cavity dumping, regenerative amplifiers and pulse pickers

Custom Options

- Other specifications on request
- Please state the applied wavelength when ordering
- This product is export controlled according to regulation (EC) No. 428/2009, list item 6A005. Shipping is subject to the existence of a valid export license, if necessary.

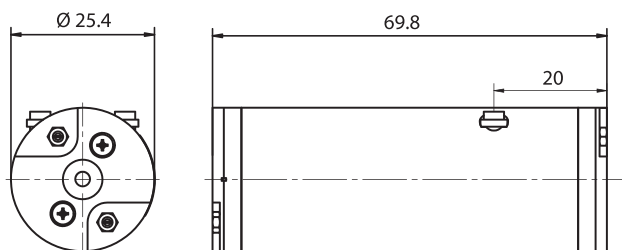


BBO Pockels Cells for High Switching Rates DBBPC HR Series - 1030 nm

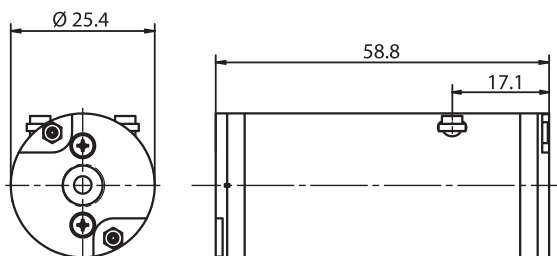
Item Title	Clear aperture \varnothing (mm)	Transmission typical (%)	Extinction ratio (voltage-free)	Capacitance (pF)	Lambda/4 voltage @ 1030 nm ($\pm 15\%$, DC) (kV)	Product-No.
DBBPC HR 3 1030	2.7	98	> 1000:1	8	1.4	845130200098
DBBPC HR 3.5 1030	3.2	98	> 1000:1	8	2.0	845130200106

Subject to technical changes

Dimensions



DBBPC HR 3 1030 nm



DBBPC HR 3.5 1030 nm

For technical information contact:

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