

KTP POCKELS CELL

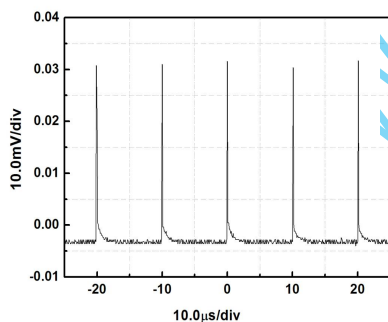
[custom design upon request]

Technical Data

Sizes of one of the pair of KTP (mm)	X-cut		Y-cut		Electrical Resistivity (Ohm·cm)
	HWV @1064nm (V)	Extinction Ratio @ 633nm (dB)	HWV @1064nm (V)	Extinction Ratio @ 633nm (dB)	
3×3×10	1200	> 20	1000	> 20	> 10 ¹¹
4×4×10	1600	> 20	1300	> 20	> 10 ¹¹
5×5×10	2000	> 20	1600	> 20	> 10 ¹¹
6×6×10	2300	> 20	1900	> 20	> 10 ¹¹
7×7×10	2700	> 20	2200	> 20	> 10 ¹¹
8×8×10	3100	> 20	2500	> 20	> 10 ¹¹
9×9×10	3500	> 20	2800	> 20	> 10 ¹¹

Damage Threshold: > 600 MW/cm² for 10 ns pulses @ 1064 nm (AR coating)

KTP Pockels cell working at 100kHz



WISOPTIC Advantages of KTP Pockels Cell

- Wide optical bandwidth (0.5-3µm)
- Low insertion loss
- Low half-wave voltage
- Low operating voltage
- High extinction ratio
- Very high laser damage threshold
- No piezoelectric ringing effect
- Precise switching in high repetitive rate laser
- Thermally compensated design of large temperature range
- Compact design, very easy to mount and adjust
- Quality KTP crystal with high environmental resistance

CONTACT WISOPTIC FOR THE BEST SOLUTION FOR YOUR APPLICATION OF KTP POCKELS CELL.