

## RTP POCKELS CELL

[custom design upon request]

### Technical Data

Crystal Size	4x4x10 mm	6x6x10 mm	8x8x10 mm
Quantity of Crystals	2	2	2
Static Half-wave Voltage @ 1064 nm	X-cut: 1700 V Y-cut: 1400 V	X-cut: 2500 V Y-cut: 2100 V	X-cut: 3300 V Y-cut: 2750 V
Extinction Ratio	X-cut: > 25 dB Y-cut: > 23 dB	X-cut: > 23 dB Y-cut: > 21 dB	X-cut: > 21 dB Y-cut: > 20 dB
Capacitance	5~6 pF		
Optical Transmission	> 99%		
Damage Threshold	> 600 MW/cm <sup>2</sup> for 10 ns pulses @ 1064 nm (AR coating)		

### WISOPTIC Advantages of RTP Pockels Cell

- Wide optical bandwidth (0.35-4.5 $\mu$ m)
- 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 with super-fast voltage drivers
- Thermally compensated design for operating in large temperature range
- Compact design, very easy to mount and adjust
- Quality RTP crystal with high environmental resistance and long service life

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