

RTP EO Cell Product Offerings

- Thermally compensated matched pair of RTP Elements
- Single RTP Element (used for phase modulators)
- Plug in 2 crystals, Electro-optical cells assembly (with / without housing)

Typical Specifications

Operational range	500-3000 nm
Transmission @ 1064 nm	> 99%
Half wave voltage	3.6 kV (for EO Cell size: 9*9*10 mm*2)
Extinction ratio	Up to 30 dB
Clear aperture	1.5*1.5 mm to 15*15 mm
Crystal length	Up to 50 mm
Acceptance angle	< 4 deg.
Standard AR coating @ 1064 nm	R < 0.1%
Damage threshold	Up to 1 GW/cm ² , at 1064 nm, 10 ns pulse

Raicol Crystals, founded in 1995, is a global leader in nonlinear and EO crystals growth, fabrication and assembly. Raicol offers a unique set of benefits to its customers:

- 50 years of crystal growth know-how and experience
- The global pioneers of RTP, HGTR KTP and PPKTP crystals and assembly
- One-stop shop, from crystal growth through coating to EO Cell assembly
- Mass-production capabilities as well as small R&D quantities
- Fast delivery time
- Unmatched crystal quality
- Custom designs upon request, different housing options available