

Passive Q-Switches

Passive Q-switches are saturable absorbing crystals for generation of laser pulses without application of high power voltage. We are polishing and coating these crystals. In the table below we summarize our standard passive Q-switch crystals. Other sizes are possible by request.

wavelength range (nm)	crystal	possible internal transmission	standard crystals includes appropriate AR/HT/HR - coatings
800 - 1200	Cr:YAG	30 - 97%	3x3 mm or dia 3 mm 5x5 mm or dia 3 mm
1000 - 1450	V:YAG	30 - 97%	3x3 mm or dia 3 mm 5x5 mm or dia 3 mm
1200 - 1600	Co:Spinel	30 - 97%	3x3 mm or dia 3 mm 5x5 mm or dia 3 mm