



Tunable Lasers

Ti:Sapphire / Forsterite / OPO

Laser name	Wavelength	Maximal conversion efficiency	Puls duration / repetition rate	Divergence	Line width	Pump wavelength, Pump laser (Example)	Price (*-optional)
Ti:Sapphire (Al₂O₃:Ti³⁺)							
LT 2211	690-1000nm 350-500nm (SH) 235-330nm (TH)* 209-245nm (FH)*	25%	8-30 ns / till 50 Hz	< 1.5 mrad	0.1nm	532nm, LS 2132	10,390 €
LT 2211 FP (with Fabry-Perot)	690-1000nm 350-500nm (SH)	10%	8-30 ns / till 50 Hz	< 1.5 mrad	0.01nm	532nm, LS 2132	11,670 €
LT 2211FF	690-1000nm	25%	8-30 ns / till 50 Hz	< 1.5 mrad	0.1nm	532nm, LS 2132	9,460 €
LT 2211A	690-1000nm	25%	8-30 ns / till 50 Hz	< 1.5 mrad	0.1 (0.01*)nm	532nm, LS 2132	22,385 €
LT 2211A-SHG	690-1000nm 350-500nm (SH)	25%	8-30 ns / till 50 Hz	< 1.5 mrad	0.1 (0.01*)nm	532nm, LS 2132	23,950 €
LT 2211A-PC	690-1000nm 350-500nm (SH)	25%	8-30 ns / till 50 Hz	< 1.5 mrad	0.1 (0.01*)nm	532nm, LS 2132	27,590 €
Forsterite (Mg₂SiO₄:Cr⁴⁺)							
LT 2212	1160-1360nm 580-680nm (SH)	9%	8-30 ns / till 50 Hz	< 1.5 mrad	0.8nm	1064nm, LS 2134	10,390 €
LT 2212FP (with Fabry-Perot)	1160-1360nm 580-680nm (SH)	9%	8-30 ns / till 50 Hz	< 1.5 mrad	0.2nm	1064nm, LS 2134	11,670 €
LT 2212G (with grating)	1180-1350nm 590-675nm (SH)	5%	8-30 ns / till 50 Hz	< 1.5 mrad	0.01nm	1064nm, LS 2134	13,530 €
LT 2212G-100	1200-1280nm 600-640 nm (SH)	2%	8-30 ns / till 100 Hz	< 1.5 mrad	0.01nm	1064nm, LS 2134	14,460 €
LT 2212A-PC	1160-1360nm 580-680nm (SH)	9%	8-30 ns / till 50 Hz	< 1.5 mrad	0.8nm	1064nm, LS 2134	28,950 €
OPO (Optical Parametric Oscillator)							
LT 2214 (OPO type I)	410-690 nm 715-2300 nm	40%	1-2 ns shorter then pump pulse / till 50 Hz	4-8 mrad	0.5nm	355nm, LS 2137	11,980 €
LT 2214-PC PC controlled tuning	410-690 nm 715-2300 nm	40%	1-2 ns shorter then pump pulse / till 50 Hz	4-8 mrad	0.5nm	355nm, LS 2137	17,990 €
LT 2215 (OPO type II)	415-710 nm 710-2300 nm	30%	1-2 ns shorter then pump pulse / till 50 Hz	4-8 mrad	0.15nm	355nm, LS 2137	12,950 €
LT 2215-PC PC controlled tuning	415-710 nm 710-2300 nm	30%	1-2 ns shorter then pump pulse / till 50 Hz	4-8 mrad	0.15nm	355nm, LS 2137	18,890 €
Second harmonic generator for SHG for LT 2215	210-420 nm						12,830 €