

Laser Crystals

emission wavelength (nm)	crystal	pumping wavelength (nm)	standard crystals includes appropriate AR/HT/HR - coatings
290 - 320	Ce:YLF Ce(0.2-50%)	280 - 290	dia 3-10 x 1-90mm 3-10 x 3-10 x 1-90mm
435	Tm:YLF Tm(0.2-50%)	680 - 790 1200, 1700	dia 3-10 x 1-90mm 3-10 x 3-10 x 1-90mm
680 - 1400	Cr:Forsterite Cr(0.01-0.5%)	350 - 550 600 - 850 850 - 1200	dia 3-10 x 1-110mm 3-10 x 3-10 x 1-110mm
700 - 820	Cr:Alexandrite Cr(0.01-0.5%)	680	dia 3-10 x 1-110mm 3-10 x 3-10 x 1-110mm
750	Ho:YLF Ho(0.2-50%)	1890 - 1940	dia 3-10 x 1-90mm 3-10 x 3-10 x 1-90mm
850	Er:YLF Er(0.2-50%)	790, 980 1500	dia 3-10 x 1-90mm 3-10 x 3-10 x 1-90mm
650 - 1100	Ti:Sapphire Ti(0.03-0.5%)	400 - 600	dia 3-90 x 1-20mm 3-90 x 3-90 x 1-20mm
911	Nd:KGW Nd(3-10%)	805 - 815	dia 3-6 x 1-160mm 3-6 x 3-6 x 1-160mm
914	Nd:YVO ₄ Nd(0.1-3%)	805 - 815	dia 3-4 x 1-60mm 3-4 x 3-4 x 1-60mm
946	Nd:YAG Nd(0.3-2%)	808, 869 800 - 960	dia 3-16 x 1-160mm 3-16 x 3-16 x 1-160mm
1020 - 1060	Yb:CaF ₂ Yb(1-3%)	979 - 983	dia 3-6 x 1-160mm 3-6 x 3-6 x 1-160mm
1020 - 1060	Yb:KYW Yb(1-20%)	979 - 983	dia 3-6 x 1-160mm 3-6 x 3-6 x 1-160mm
1030	Yb:YAG Nd(0.2-30%)	940, 970 900 - 1000	dia 3-20 x 1-150mm 3-20 x 3-20 x 1-150mm

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1047	Nd:YLF Nd(0.4-2%)	790 - 810	dia 3-10 x 1-140mm 3-10 x 3-10 x 1-140mm
1050	Yb:YAG Yb(0.2-30%)	940, 970 900-1000	dia 3-20 x 1-150mm 3-20 x 3-20 x 1-150mm
1053	Nd:YLF Nd(0.4-2%)	790 - 810	dia 3-10 x 1-140mm 3-10 x 3-10 x 1-140mm
1063	Nd:GdVO ₄ Nd(0.1-4%)	805 - 815	dia 3-5 x 1-20mm 3-5 x 3-5 x 1-20mm
1064	Nd:YAG Nd(0.3-2%)	808, 869 800 - 900	dia 3-16 x 1-160mm 3-16 x 3-16 x 1-160mm
1064	Nd:YVO ₄ Nd(0.1-3%)	805 - 815	dia 3-4 x 1-60mm 3-4 x 3-4 x 1-60mm
1067	Nd:KGW Nd(3-10%)	805 - 815	dia 3-6 x 1-160mm 3-6 x 3-6 x 1-160mm
1089	Tm:YLF Tm(0.2-50%)	680 - 790 1200, 1700	dia 3-10 x 1-90mm 3-10 x 3-10 x 1-90mm
1123	Nd:YAG Nd(0.3-2%)	808, 869 800 - 900	dia 3-16 x 1-160mm 3-16 x 3-16 x 1-160mm
1313	Nd:YLF Nd(0.4-2%)	790 - 810	dia 3-10 x 1-140mm 3-10 x 3-10 x 1-140mm
1319	Nd:YAG Nd(0.3-2%)	808, 869 800 - 900	dia 3-16 x 1-160mm 3-16 x 3-16 x 1-160mm
1324	Nd:YLF Nd(0.4-2%)	790 - 810	dia 3-10 x 1-140mm 3-10 x 3-10 x 1-140mm
1340 - 1580	Cr:YAG Cr(0.5-3%)	900 - 1150	dia 3-15 x 1-15mm 3-15 x 3-15 x 1-15mm
1342	Nd:YVO ₄ Nd(0.1-3%)	805 - 815	dia 3-4 x 1-60mm 3-4 x 3-4 x 1-60mm
1351	Nd:KGW Nd(3-10%)	805 - 815	dia 3-6 x 1-160mm 3-6 x 3-6 x 1-160mm
1370	Nd:YLF Nd(0.4-2%)	790 - 810	dia 3-10 x 1-140mm 3-10 x 3-10 x 1-140mm

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1530 - 1645	Er:YAG Er(0.1-50%)	980, 1450	dia 3-8 x 1-130mm 3-8 x 3-8 x 1-130mm
2060	Ho:YLF Ho(0.2-50%)	1890 - 1940	dia 3-10 x 1-90mm 3-10 x 3-10 x 1-90mm
2300	Tm:YLF Tm(0.2-50%)	680 - 790 1200, 1700	dia 3-10 x 1-90mm 3-10 x 3-10 x 1-90mm
2797	Er:YSGG Er(0.1-50%)	966	dia 3-30 x 1-130mm 3-30 x 3-30 x 1-130mm
2810	Er:YLF Er(0.2-50%)	790, 980 1500	dia 3-10 x 1-90mm 3-10 x 3-10 x 1-90mm
2823	Er:YSGG Er(0.1-50%)	966	dia 3-30 x 1-130mm 3-30 x 3-30 x 1-130mm
2940	Er:YAG Er(0.1-50%)	980, 1450	dia 3-8 x 1-130mm 3-8 x 3-8 x 1-130mm