

LBO Crystals

Typical Items

LBO crystals for Nd:YAG lasers

Clear Aperture, mm	Length, mm	Orientation Θ/φ , °	AR coatings S1/S2, nm	Application	Product ID
3x3	10	42.2/90	1064+532/355	THG @ 1064 nm, Type II	4-LBO-3310-0
	10	90/11.6	1064+532/1064+532	SHG @ 1064 nm, Type I	4-LBO-3310-1
	15	42.2/90	1064+532/355	THG @ 1064 nm, Type II	4-LBO-3315-0
	15	90/11.6	1064+532/1064+532	SHG @ 1064 nm, Type I	4-LBO-3315-1
	15	90/0	1064+532/1064+532	NCPM SHG @ 1064 nm, T=150° C	4-LBO-3315-2
	20	90/0	1064+532/1064+532	NCPM SHG @ 1064 nm, T=150° C	4-LBO-3320-0
5x5	15	42.2/90	1064+532/355	THG @ 1064 nm, Type II	4-LBO-5515-0
	15	90/11.6	1064+532/1064+532	SHG @ 1064 nm, Type I	4-LBO-5515-1

LBO crystals for Yb:KGW/KYW lasers

6x6	0.9	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-0609-2
	1.9	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-0619-2
	2.8	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-0628-2
	3.7	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-0637-2
8x8	0.9	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-0809-2
	1.9	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-0819-2
	2.8	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-0828-2
	3.7	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-0837-2
10x10	0.9	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-1009-2
	1.9	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-1019-2
	2.8	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-1028-2
	3.7	90/13.8	515+1030/515+1030	SHG @ 1030 nm, Type I	4-LBO-1037-2