

BBO Crystals

Typical Items

BBO crystals for Ti:Sapphire lasers

Clear Aperture, mm	Length, mm	Orientation Θ/φ , °	Protective coatings S1/S2, nm	Application, nm	Product ID
6x6	0.1	29.2/90	400-800/400-800	SHG @ 800	4-BBO-0601-0
		44.3/90	400-800/266	THG @ 800	4-BBO-0601-1
	0.2	29.2/90	400-800/400-800	SHG @ 800	4-BBO-0602-0
		44.3/90	400-800/266	THG @ 800	4-BBO-0602-1
	0.5	29.2/90	400-800/400-800	SHG @ 800	4-BBO-0605-0
		44.3/90	400-800/266	THG @ 800	4-BBO-0605-1
	1	29.2/90	400-800/400-800	SHG @ 800	4-BBO-0610-0
		44.3/90	400-800/266	THG @ 800	4-BBO-0610-1
10x10	0.1	29.2/90	400-800/400-800	SHG @ 800	4-BBO-1001-0
		29.2/90	400-800/400-800	SHG @ 800	4-BBO-1002-0
	0.5	29.2/90	400-800/400-800	SHG @ 800	4-BBO-1005-0
		29.2/90	400-800/400-800	SHG @ 800	4-BBO-1010-0

BBO crystals for Yb:KGW/KYW lasers

Clear Aperture, mm	Length, mm	Orientation Θ/φ , °	AR coatings S1/S2, nm	Application, nm	Product ID
6x6	0.5	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-0605-2
	1	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-0610-2
	1.5	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-0615-2
	2	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-0620-2
8x8	0.5	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-0805-2
	1	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-0810-2
	1.5	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-0815-2
	2	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-0820-2
10x10	0.5	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-1005-2
	1	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-1010-2
	1.5	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-1015-2
	2	23.4/90	515+1030/515+1030	SHG @ 1030	4-BBO-1020-2