

Crystal optics available in stock updated as of November 1, 2002

Material	Dimensions, mm	Orientation	Polishing	Coating	QTY, pcs	Application	Additional information
LiNbO3	5x5x1	X-cut	2 faces 5x5	No	4	non-linear	
LiNbO3	10x10x1	Z-cut	2 faces	No	1	NA	
LiNbO3	9x9x25	X,Y,Z	2 faces 9x9	AR/AR@1064 nm and electrodes	4	E-O modulator	
LiNbO3	9x9x25	X,Y,Z	2 faces 9x9	No	2	E-O modulator	
LiNbO3	6x6x30	X,Y,Z	2 faces 6x6	BBAR 500-1000 nm, electrodes	2	E-O modulator	
LiNbO3	6x6x30	X,Y,Z	2 faces 6x6	No	1	E-O modulator	
LiNbO3	6x6x30	X,Y,Z	2 faces 6x6	electrodes only	1	E-O modulator	
LiNbO3	4x3x5	X,Y,Z	2 faces 4x5	No	6	E-O modulator	
LiNbO3	4x3x6	X,Y,Z	No	No	6	E-O modulator	
LiNbO3	9.62x7.5x5	90 deg.-cut	2 faces 7.5x5	AR/AR@1550 nm	10	birefringent	
LiNbO3	2x20x2	X,Y,Z	2 faces 2x2	No	2	E-O modulator	
LiNbO3	2x20x2	X,Y,Z	2 faces 2x2	AR/AR@750-800 nm and electrodes	5	E-O modulator	
LiNbO3	10x10x30	47 deg.-cut	2 faces 10x10	BBAR 1000-1900 nm	1	non-, OPO pumped @1064 nm	
LiNbO3	10x10x50	47 deg.-cut	2 faces 10x10	No	3	non-, OPO pumped @1064 nm	
LiNbO3	10x5x50	47 deg.-cut	2 faces 10x5	AR/AR@1064 nm	3	non-, OPO pumped @1064 nm	
LiNbO3	1x8x53	X,Y,Z	1 face 8x53	No	5	optical waveguide	
Fe:LiNbO3	10 x 10 x 5	Z-cut	2 faces 10x10	No	1	photorefraction/optical memory	0.005% Fe
Fe:LiNbO3	10 x 10 x 5	90 deg.-cut	2 faces 10x10	No	1	photorefraction/optical memory	0.005% Fe
Fe:LiNbO3	3 x 15 x 20	X,Y,Z	2 faces 15x20	AR/AR@532 nm	1	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	0.5 x 8 x 10	X,Y,Z	2 faces 8x10	AR/AR@532 nm	1	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	1 x 8 x 10	X,Y,Z	2 faces 8x10	AR/AR@532 nm	1	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	2 x 8 x 10	X,Y,Z	2 faces 8x10	AR/AR@532 nm	1	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	3 x 8 x 10	X,Y,Z	2 faces 8x10	AR/AR@532 nm	1	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	4 x 8 x 10	X,Y,Z	2 faces 8x10	AR/AR@532 nm	1	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	9 x 10 x 10	X,Y,Z	2 Z-faces	No	1	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	9 x 10 x 10	X,Y,Z	2 Y-faces	No	1	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	25 x 25 x 1	Z-cut	2 faces 25x25	No	3	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	25 x 25 x 1	90 deg.-cut	2 faces 25x25	No	1	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	2 x 3 x 6	90 deg.-cut	2 faces 2x3	No	3	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	2 x 4 x 5	90 deg.-cut	2 faces 2x4	No	3	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	20 x 3 x 25	X,Y,Z	2 faces 20x25	AR/AR@532 nm	1	photorefraction/optical memory	0.05% Fe
Fe:LiNbO3	8 x 2 x 10	X,Y,Z	2 faces 8x10	No	2	photorefraction/optical memory	1 % Fe
Fe,Ti:LiNbO3	8 x 2 x 10	X,Y,Z	2 faces 8x10	No	1	photorefraction/optical memory	0.05 % Fe+0.02 % Ti
Cu:LiNbO3	8 x 2 x 10	X,Y,Z	2 faces 8x10	No	1	photorefraction/optical memory	0.04 % Cu

Fe:LiNbO3	15 x 15 x 2	90 deg.-cut	2 faces 15x15	No	3	photorefraction/optical memory	0.05% Fe
Fe,Ti,Ce:LiNbO3	10 x 10 x 10	45 deg.-cut	2 Z-faces	No	1	photorefraction/optical memory	0.05 % Fe+0.02 % Ti+0.02 % Ce
Fe,Ti,Ce:LiNbO3	10 x 10 x 5	Z-cut	2 Z-faces	No	1	photorefraction/optical memory	0.05 % Fe+0.02 % Ti+0.02 % Ce
Fe,Ti:LiNbO3	10 x 10 x 5	Z-cut	2 Z-faces	No	1	photorefraction/optical memory	0.05 % Fe+0.02 % Ti
Zn:LiNbO3	10 x 10 x 5	Z-cut	2 Z-faces	No	1	photorefraction/optical memory	0.8 % Zn
Fe:LiNbO3	10 x 10 x 5	Z-cut	2 Z-faces	No	1	photorefraction/optical memory	1 % Fe
MgO:LiNbO3	5x5x1	90 deg.-cut	2 faces 5x5	No	2	non-linear	5,5% MgO
MgO:LiNbO3	4x4x10	90 deg.-cut	2 faces 4x4	No	1	non-linear	5,5% MgO
MgO:LiNbO3	4x4x10	90 deg.-cut	2 faces 4x4	No	1	non-linear	1,5% MgO
MgO:LiNbO3	6x6x30	Z-cut	2 faces 6x6	electrodes	1	E-O modulator	5,5% MgO
MgO:LiNbO3	6x6x30	Z-cut	2 faces 6x6	BBAR 500-1000 nm, electrodes	1	E-O modulator	5,5% MgO
MgO:LiNbO3	5x5x5	51 deg.-cut	2 faces 5x5	No	1	non-linear	5,5% MgO
MgO:LiNbO3	3x3x10	Y-cut	2 faces 3x3	AR/AR @780 nm, electrodes	2	E-O modulator	5,5% MgO
MgO:LiNbO3	3x3x15	Y-cut	2 faces 3x3	AR/AR @780 nm, electrodes	2	E-O modulator	5,5% MgO
MgO:LiNbO3	3x3x20	Y-cut	2 faces 3x3	AR/AR @780 nm, electrodes	4	E-O modulator	5,5% MgO
MgO:LiNbO3	3x3x20	Y-cut	2 faces 3x3	Ar/AR @589 nm	1	E-O modulator	5,5% MgO
MgO:LiNbO3	10x30x1	X,Y,Z	2 faces 10x1	AR/AR @750 nm, electrodes	1	E-O modulator	5,5% MgO
MgO:LiNbO3	1x30x1	X,Y,Z	2 faces 1x1	No	5	E-O modulator	5,5% MgO
MgO:LiNbO3	10x10x10	90 deg.-cut	2 faces 10x10	No	1	non-linear	5,5% MgO
MgO:LiNbO3	50.8 x50.8 x 0.5	Z-cut	2 faces	No	1	NA	5,5% MgO
MgO:LiNbO3	50.8 x50.8 x 1	Z-cut	2 faces	No	1	NA	5,5% MgO
MgO:LiNbO3	dia.3" x0.5	Z-cut	2 faces	No	33	NA	1.5% MgO
MgO:LiNbO3	10 x10 x 0.5	Z-cut	2 faces	No	20	NA	1.5% MgO
GGG	dia.3" x0.5	111-cut	both side	No	12	thin film substrate	
GGG	dia.3" x0.5	111-cut	one side	No	2	thin film substrate	
GGG	dia.1" x0.5	111-cut	both side	No	11	thin film substrate	
GGG	dia.1" x0.5	100-cut	both side	No	14	thin film substrate	
GGG	10 x10 x 0.5	111-cut	both side	No	50	thin film substrate	
GGG	dia.18 x 3.3	111-cut	both side	No	7	thin film substrate	
GGG	dia.13 x 2.3	111-cut	both side	No	6	thin film substrate	
GGG	5 x5 x 10	100-cut	both side	No	3	thin film substrate	
LiTaO3	dia.10 x 0.615	Z-cut	No	electrodes on both sides	5	piezotransducer	5 MHz
LiTaO3	dia.10 x 0.05	Z-cut	both side	electrodes	1	pyroelectric sensor	
LiTaO3	dia.10 x 0.05	Z-cut	both side	No	46	pyroelectric sensor	
LiTaO3	dia.12 x 0.06	Z-cut	both side	No	11	pyroelectric sensor	
LiTaO3	dia.12 x 0.06	Z-cut	both side	electrodes	3	pyroelectric sensor	
LiTaO3	dia.15 x 0.15	Z-cut	both side	No	9	pyroelectric sensor	
LiTaO3	dia.15 x 0.5	Z-cut	both side	No	2	pyroelectric sensor	
LiTaO3	dia.20 x 0.54	Z-cut	both side	No	3	pyroelectric sensor	
LiTaO3	dia.25.4 x 1.59	Z-cut	one side	No	2	pyroelectric sensor	
LiTaO3	3x3x15	Y-cut	2 faces 3x3	AR/AR @1064 nm, electrodes	6	E-O modulator	
LiTaO3	2x3.5x1	X,Y,Z	2 faces 2x1	AR/AR @1064 nm	5	E-O modulator	
LiTaO3	2x3.5x1	X,Y,Z	2 faces 2x1	AR/HR @1064 nm	2	E-O modulator	

LiTaO3	5x5x5	Y-cut	2 faces 5x5	No	2	E-O modulator	
LiTaO3	5x5x2	Y-cut	2 faces 5x5	No	2	E-O modulator	
LiTaO3	5x5x2	Z-cut	1 face 5x5	electrode on face 2	11	pyroelectric sensor	
LiTaO3	6x20x5	Y-cut	2 faces 6x5	No	1	E-O modulator	
LiTaO3	5x5x40	Y-cut	2 faces 5x5	AR/AR @1064 nm, electrodes	8	E-O modulator	
LiTaO3	10x10x0.1	X-cut	2 faces	No	14	NA	
LiTaO3	10x10x0.5	Z-cut	1 face	No	10	NA	
LiTaO3	10x10x1	Z-cut	2 faces	No	2	NA	
Silicon	10x10x0.053	NA	2 faces	No	15		
Fused Silica	10x10x0.106	NA	2 faces	No	12		
KGW	20x20x0.5	X-cut	2 faces	No	3		
TiO2	10x10x0.5	90 deg.-cut	2 faces	No	4	birefringent	
TiO2	5x5x5	90 deg.-cut	3 faces	No	4	prism	
YAG	20x20x1	NA	2 faces	No	1		
YAG	20x20x2	NA	No	No	3		
GaAs	5x5x5	NA	2 faces	No	2		
GaP	5x5x0.1	110-cut	2 faces	No	3		
GaP	10x10x0.5	100-cut	2 faces	No	2	NA	
GaP	10x10x1	110-cut	2 faces	No	1	NA	
KDP	20x20x20	Type II SHG 1064 nm	2 faces	AR/AR, dual band	1	non-linear	
KDP	20x20x16	Type II THG 1064 nm	2 faces	AR/AR	1	non-linear	
BSO	dia.3.5 x 10	100-cut	2 faces	No	10	E-O modulator	
BSO	20x20x6	110-cut	2 faces	No	1	E-O modulator	
BSO	20x20x5	NA	2 faces	No	1	NA	
BSO	25x25x1	NA	2 faces	No	1	NA	
BSO	2x3x8	110-cut	2 faces	No	2	NA	
BSO	2x4x8	110-cut	6 faces	No	4	NA	
BSO	2x5x8	110-cut	6 faces	No	4	NA	
BSO	10x10x10	110-cut	2 faces	No	1	NA	
BSO	10x10x5	110-cut	2 faces	AR/AR @532 nm and electrodes	2	NA	
BSO	10x10x5	110-cut	2 faces	electrodes	3	NA	
BSO	5x5x5	110-cut	2 faces	electrodes	2	NA	
BSO	7x7x2.5	110-cut	2 faces	electrodes	1	NA	
BSO	5x5x2	100-cut	2 faces	No	3	NA	
BGO	5x5x2	100-cut	2 faces	No	3	NA	
BGO	5x5x3	100-cut	2 faces	AR/AR @633 nm	3	NA	
BGO	5.5x5x3	100-cut	2 faces	AR/AR	3	NA	
BGO	5x5x10	100-cut	2 faces	No	4	NA	
BGO	10x10x5	100-cut	2 faces	No	2	NA	
BGO	20x20x6	110-cut	2 faces	No	1	NA	
BGO	4x4x10	100-cut	2 faces	No	2	NA	
BGO	dia.4.24x10	100-cut	2 faces	No	3	NA	
BGO	3x3x30	100-cut	2 faces	No	2	NA	
BGO	2x2x60	100-cut	2 faces	No	1	NA	
BGO	dia.3.5x20	100-cut	2 faces	No	20	NA	

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