

BBO for THG @ 800 nm

BBO crystal, Thickness = 0.01 mm

Code	Aperture, mm	UV FS support size, mm	θ , deg	φ , deg	Coating	Price, EUR
BBO-606H	6×6	10×10×2	44.3	90	P/P@400-800/266	855
BBO-806H	8×8	10×10×2	44.3	90	P/P@400-800/266	890
BBO-1006H	10×10	12×12×2	44.3	90	P/P@400-800/266	985

BBO crystal, Thickness = 0.02 mm

Code	Aperture, mm	UV FS support size, mm	θ , deg	φ , deg	Coating	Price, EUR
BBO-607H	6×6	10×10×2	44.3	90	P/P@400-800/266	850
BBO-807H	8×8	10×10×2	44.3	90	P/P@400-800/266	885
BBO-1007H	10×10	12×12×2	44.3	90	P/P@400-800/266	980

BBO crystal, Thickness = 0.05 mm

Code	Aperture, mm	UV FS support size, mm	θ , deg	φ , deg	Coating	Price, EUR
BBO-608H	6×6	10×10×2	44.3	90	P/P@400-800/266	790
BBO-808H	8×8	10×10×2	44.3	90	P/P@400-800/266	825
BBO-1008H	10×10	12×12×2	44.3	90	P/P@400-800/266	925

THG BBO crystal, Thickness = 0.1 mm

Code	Aperture, mm	θ , deg	φ , deg	Coating	Price, EUR
BBO-609H	6×6	44.3	90	P/P@400-800/266	505
BBO-809H	8×8	44.3	90	P/P@400-800/266	710
BBO-1009H	10×10	44.3	90	P/P@400-800/266	725
BBO-1209H	12×12	44.3	90	P/P@400-800/266	1010
BBO-1509H	15×15	44.3	90	P/P@400-800/266	1580
BBO-2009H	20×20	44.3	90	P/P@400-800/266	2955
BBO-2209H	22×22	44.3	90	P/P@400-800/266	3780

THG BBO crystal, Thickness = 0.2 mm

Code	Aperture, mm	θ , deg	φ , deg	Coating	Price, EUR
BBO-610H	6×6	44.3	90	P/P@400-800/266	505
BBO-810H	8×8	44.3	90	P/P@400-800/266	710
BBO-1010H	10×10	44.3	90	P/P@400-800/266	725
BBO-1210H	12×12	44.3	90	P/P@400-800/266	980
BBO-1510H	15×15	44.3	90	P/P@400-800/266	1550
BBO-2010H	20×20	44.3	90	P/P@400-800/266	2900
BBO-2210H	22×22	44.3	90	P/P@400-800/266	3725

THG BBO crystal, Thickness = 0.5 mm

Code	Aperture, mm	θ , deg	φ , deg	Coating	Price, EUR
BBO-611H	6×6	44.3	90	P/P@400-800/266	410
BBO-811H	8×8	44.3	90	P/P@400-800/266	625
BBO-1011H	10×10	44.3	90	P/P@400-800/266	660
BBO-1211H	12×12	44.3	90	P/P@400-800/266	940
BBO-1511H	15×15	44.3	90	P/P@400-800/266	1485
BBO-2011H	20×20	44.3	90	P/P@400-800/266	2750
BBO-2211H	22×22	44.3	90	P/P@400-800/266	3515

THG BBO crystal, Thickness = 1 mm

Code	Aperture, mm	θ , deg	φ , deg	Coating	Price, EUR
BBO-612H	6×6	44.3	90	P/P@400-800/266	310
BBO-812H	8×8	44.3	90	P/P@400-800/266	560
BBO-1012H	10×10	44.3	90	P/P@400-800/266	625
BBO-1212H	12×12	44.3	90	P/P@400-800/266	910
BBO-1512H	15×15	44.3	90	P/P@400-800/266	1300
BBO-2012H	20×20	44.3	90	P/P@400-800/266	2335
BBO-2212H	22×22	44.3	90	P/P@400-800/266	2980

NOTE

For very high power (TW) laser systems
LBO and KDP crystals can be supplied with Clear Apertures
up to 35 mm and 60 mm diameters respectively.

RELATED PRODUCTS

Zero Order Dual Wavelength Plates

See page 5.19

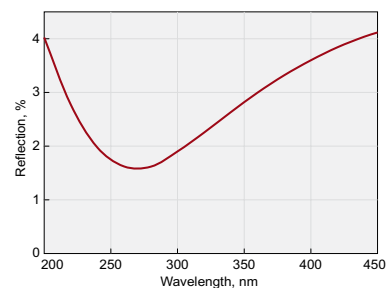
Ring Holders for Nonlinear Crystals

See page 2.24



Positioning Mount 840-0199 for Nonlinear Crystal Housing

See page 2.26



P-protective coating curve of Type 1 ($\theta=44.3^\circ$, $\varphi=90^\circ$)
BBO crystal's exit face used for THG@800 nm