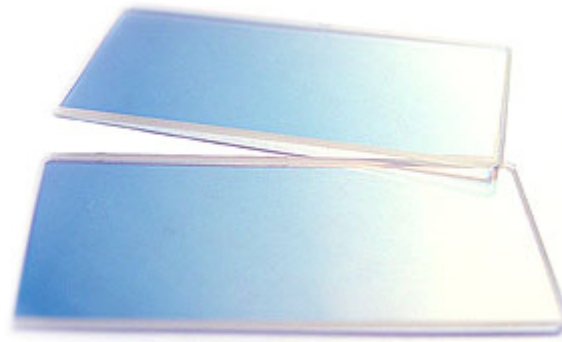


## 2.4. Brewster type thin film Polarizers



Dielectric coated polarizers separate the s- and p-polarization.

These BK7, FS, UV FS dielectric coated polarizers separate the s- and p-polarization components of high energy laser beams and are intended for intra and extra cavity usage.

Dual band or other dimensions thin film polarizers are available on request.

Standard specifications
Material: BK7,UVFS
Surface quality: 20/10 scr/dig
Surface flatness: L/10 @633nm
Parallelism: <30 arcsec
Clear aperture: >90%
Angle of incidence: Brewster angle $\pm 2^\circ$
Extinction ratio $T_p/T_s$ : >250:1
Laser damage threshold: 10 J/cm <sup>2</sup> , in 10ns at 1064nm

When Ordering please specify

Wavelength: 240-1600nm

Code	Name	Material	Height (mm)	Width (mm)	Thickness (mm)	Shape	Price (1pcs)	Price (2-3pcs)	Price (4-6pcs)	Price (>7pcs)	Currency
BFP3	Brewster type thin film Polarizer	BK7	20	40	3	Rectangular	43,800	27,600	21,600	18,900	JPY
BFP4	Brewster type thin film Polarizer	BK7	60	120	3	Rectangular	98,400	84,000	78,000	75,000	JPY
BFP1	Brewster type thin film Polarizer	BK7	12.7		3	Round	39,000	24,600	18,600	14,700	JPY
BFP6	Brewster type thin film Polarizer	BK7	25.4		3	Round	40,800	26,400	20,100	16,800	JPY
BFP7	Brewster type thin film Polarizer	UVFS	20	40	3	Rectangular	47,700	30,000	23,700	20,400	JPY
BFP8	Brewster type thin film Polarizer	UVFS	60	120	3	Rectangular	117,000	104,400	98,700	96,000	JPY
BFP5	Brewster type thin film Polarizer	UVFS	12.7		3	Round	42,600	27,000	20,700	16,800	JPY
BFP2	Brewster type thin film Polarizer	UVFS	25.4		3	Round	44,400	28,800	22,200	18,600	JPY