

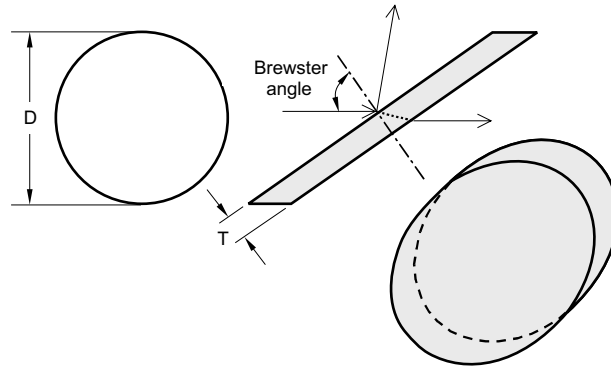
Polarising Optics

This section describes a group of components which modify the state of polarisation of optical radiation. Polarised light carries valuable information about where the light has been and the various physical parameters which have been acting upon it.

BREWSTER WINDOWS

- Transmit 100% p-polarisation components
- Reflect 20% s-polarisation components

Brewster windows are intended for high energy laser beams intra cavity usage.



Please contact us for other Brewster windows size or precision requirements.

SPECIFICATIONS

Material	BK7, FS, UV FS
Surface quality	20-10 scratch & dig
Wavefront distortion	$\lambda/10$ @ 633 nm
Clear aperture	90% of diameter
Parallelism	< 10 arcsec
Axis tolerance	+0.00 -0.12 mm
Thickness tolerance	± 0.2 mm

Catalogue number			Minor axis D, mm	Thickness T, mm	Price, EUR BK7 / UV FS / FS
BK7	UV FS	FS			
410-0123	410-1123	410-3123	12.5	3.0	65 / 87 / 83
410-0255	410-1255	410-3255	25.0	5.0	75 / 145 / 139
410-0408	410-1408	410-3408	40.0	8.0	99 / 195 / 187
410-0508	410-1508	410-3508	50.0	8.0	130 / 250 / 240