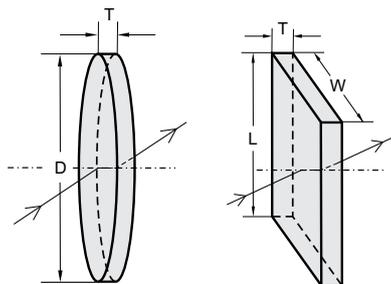


FLAT WINDOWS

- Have high transmittance, low wavefront distortion and low scatter
- Are durable and strong
- BK7 glass is an economical and ideal choice for high-quality visible applications
- UV FS has the deepest UV range and the highest transmittance



Windows are used to allow optical radiation to pass from one environment to another without allowing other components of these environments to mix. Considerations in selecting windows may include transmission, scattering, wavefront distortion and resistance to certain environments. An ideal window allows an optical beam to pass from one medium to the next without changing the wavelength distribution of the beam, the transmitted wavefront

or scatter any of the light out of the beam. We offer windows made from three different materials, from which you may choose in view of the properties you need: BK7 or UV grade fused silica.

Windows can be anti-reflection coated. For a required coating, please refer to the Coatings section. Diameters of up to 250 mm are available on request.

Only homogeneous and inclusion free materials are used.

Please contact us if you can not find the exact size or shape of a window you need. A wide variety of other shapes and sizes can be supplied upon request.

SPECIFICATIONS

Material	BK7, UV FS
Surface quality	60-40 scratch & dig (MIL-PRF-13830B)
Clear aperture	>80% of the diameter
Diameter tolerance	+0.00 -0.5 mm
Thickness tolerance	±0.2 mm
Surface flatness	1 λ per inch @ 633 nm
Parallelism	2 arcmin

Round Windows

HOUSING ACCESSORIES

Kinematic Mirror Mount 840-0020
See page 8.58



Catalogue number		Diameter D, mm		Thickness	Price, EUR
BK7	UV FS	Metric	English	T, mm	BK7 / UV FS
210-0102	210-1102	12.5	12.7	2.0	9 / 18
210-0103	210-1103	12.5	12.7	3.0	10 / 19
210-0202	210-1202	25.0	25.4	2.0	15 / 25
210-0203	210-1203	25.0	25.4	3.0	16 / 26
210-0402	210-1402	40.0	38.1	2.0	23 / 40
210-0403	210-1403	40.0	38.1	3.0	24 / 41
210-0502	210-1502	50.0	50.8	2.0	28 / 48
210-0503	210-1503	50.0	50.8	3.0	29 / 49
210-0703	210-1703	75.0	76.2	6.3	90 / 150

Please add letter M to the catalogue number for metric dimensions and letter E for English.

Rectangular Windows

HOUSING ACCESSORIES

Rectangular Optics Holders
830-0100, 830-0110
See page 8.54



Catalogue number		Rectangular dimensions		Thickness	Price, EUR
BK7	UV FS	Width W, mm	Length L, mm	T, mm	BK7 / UV FS
215-0122	215-1122	15.0	20.0	2.0	11 / 20
215-0222	215-1222	25.4	25.4	2.0	15 / 25
215-0232	215-1232	20.0	30.0	2.0	16 / 26
215-0252	215-1252	25.4	50.8	2.0	20 / 32
215-0552	215-1552	50.8	50.8	2.0	28 / 48
215-0556	215-1556	50.8	50.8	6.3	33 / 53