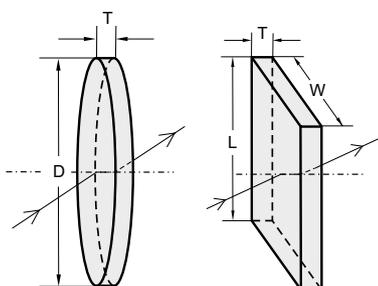


FLAT WINDOWS

Features

- 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.*

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

Find more at EksmaOptics.com



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

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

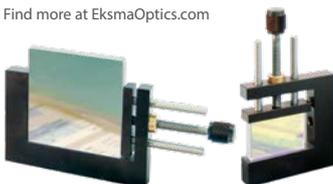
RECTANGULAR WINDOWS

Housing accessories

Rectangular Optics Holders

830-0100, 830-0110

Find more at EksmaOptics.com



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