

Plano Concave Cylindrical Lens

Features

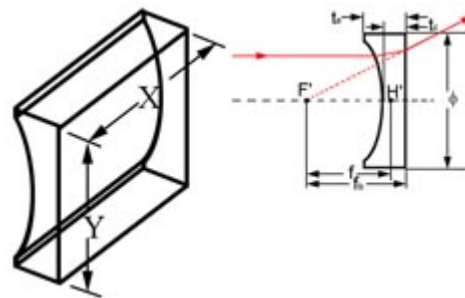
- High Precision Dimension
- Optional Substrate Material

Applications

- Projection Optics System
- Bar Code Scanning
- Holography
- Laser Measurement System

Specifications

Material	BK7, Fused silica
Diameter tolerance	$\pm 0.1\text{mm}$
Design wavelength	546.1nm
Focal tolerance	2%
Surface quality	60-40 S/D
Centration	3 arcmin
Surface flatness	$\lambda/4@632.8\text{nm}$
Clear aperture	>90%
Bevel	Protective bevel



Standard Products

Part No.	Material	X×Y(mm)	F(mm)	R(mm)	Tc(mm)	Te(mm)	Fb(mm)
HPXV0101	BK7	10.0×10.0	-12.7	6.54	2.0	4.3	-14.0
HPXV0102	BK7	20.0×10.0	-12.7	6.54	2.0	4.3	-14.0
HPXV0201	BK7	10.0×10.0	-25.0	12.87	2.0	3.0	-26.3
HPXV0202	BK7	20.0×10.0	-25.0	12.87	2.0	3.0	-26.3
HPXV0301	BK7	20.0×20.0	-50.0	25.73	2.0	4.0	-51.3
HPXV0403	Fused silica	10.0×10.0	-50.0	22.85	2.0	2.5	-51.37
HPXV0404	Fused silica	10.0×10.0	-75.0	34.28	2.0	3.5	-76.38
HPXV0405	Fused silica	10.0×10.0	-100.0	45.70	2.0	2.3	-101.36
HPXV0406	Fused silica	10.0×10.0	-150.0	68.55	2.0	2.2	-151.36
HPXV0408	Fused silica	10.0×10.0	-300.0	137.10	2.0	2.1	-301.36
HPXV0409	Fused silica	30.0×20.0	-500.0	228.50	3.0	2.4	-501.35

Other size and coating are available upon request.