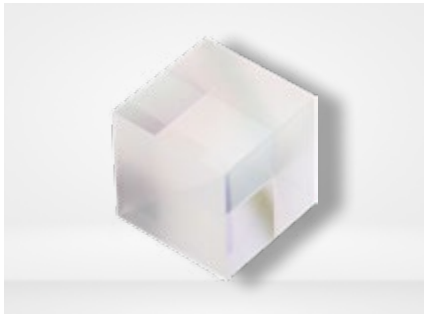
Prism

Product Parameter	Standard Requirements
Material	K9，ZF，SF11 K9，Fused Silica , ZF Glass,SF11 Etc.
Extinction Ratio	Single Wavelength ＞ 2000:1， Single Wavelength @High Power ＞ 2000:1，Wideband ＞ 1000:1， Wideband @ High Power ＞ 1000:1
Surface Quality	20/10
Beam Deviation	＜ 2′
Flatness	<λ/4@633nm
Assembly Method	Glued/Optical Bonding
Coating	PBSAR AR, HR, Metallic reflective coating, Dielectric Coating
Standard Coating Wavelength	Narrowband: 450, 532, 632, 780, 795, 808, 852, 980, 1064, 1310, 1550nm Wideband: 450-650, 650-900, 900- 1200, 1200- 1550, 1500- 1610nm

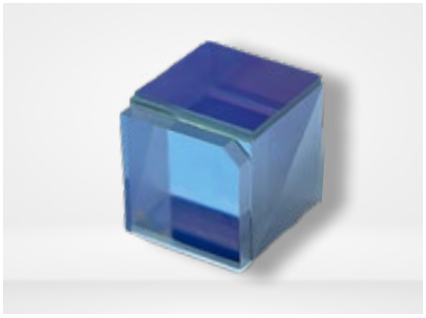
PBS/PBC Products

PBS/PBC

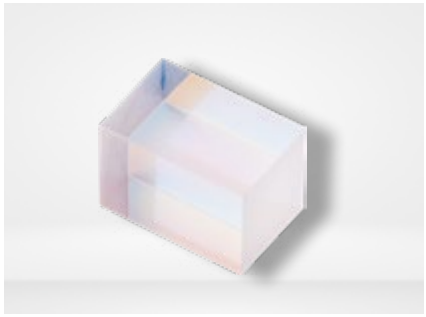


PBS
Square PBS

PBC
PBC with Wave Plate

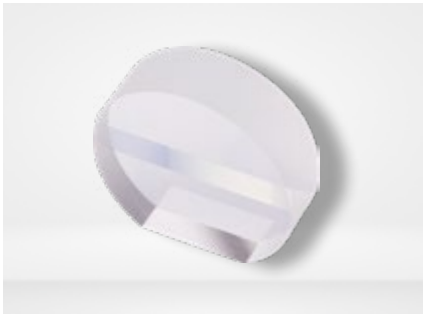


PBC
PBC with Combination of Wave Plate and Polarizer



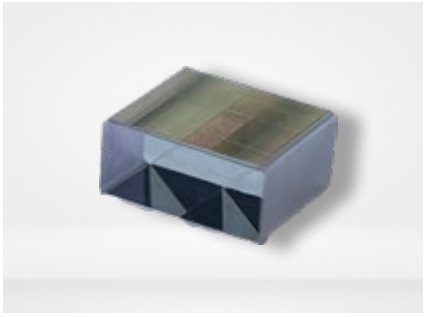
PBS
Rectangular PBS

PBS
Rhomboid PBS Assembly

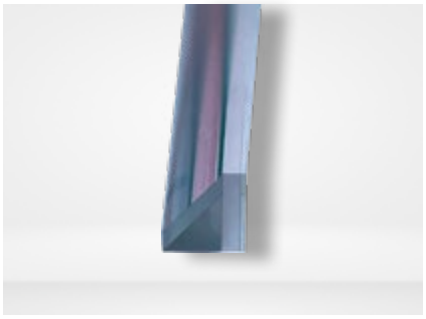


PBS
Gun Aiming PBS

PBS
Three-piece PBS Assembly



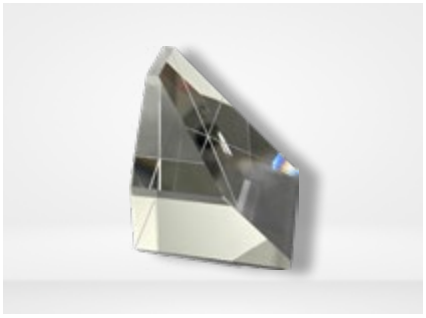
PBC
Three-piece PBC Assembly



PBC
Special Shaped PBC Assembly

Other Prism

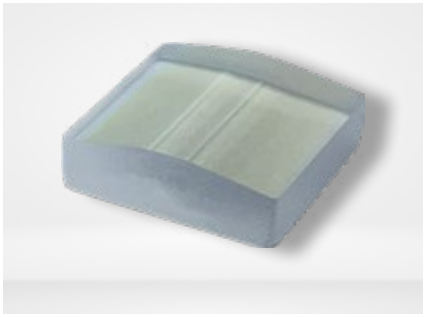
Endoscope Reflective Microprism



Special Shaped Prism

Right Angle Prism

Dove Prism

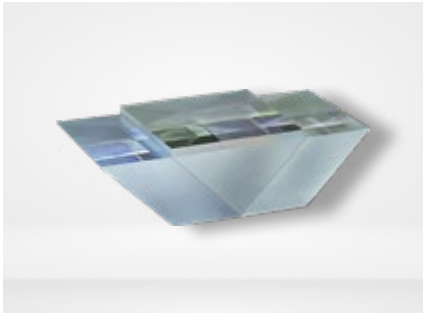


Roof Prism

Rhomboid Prism

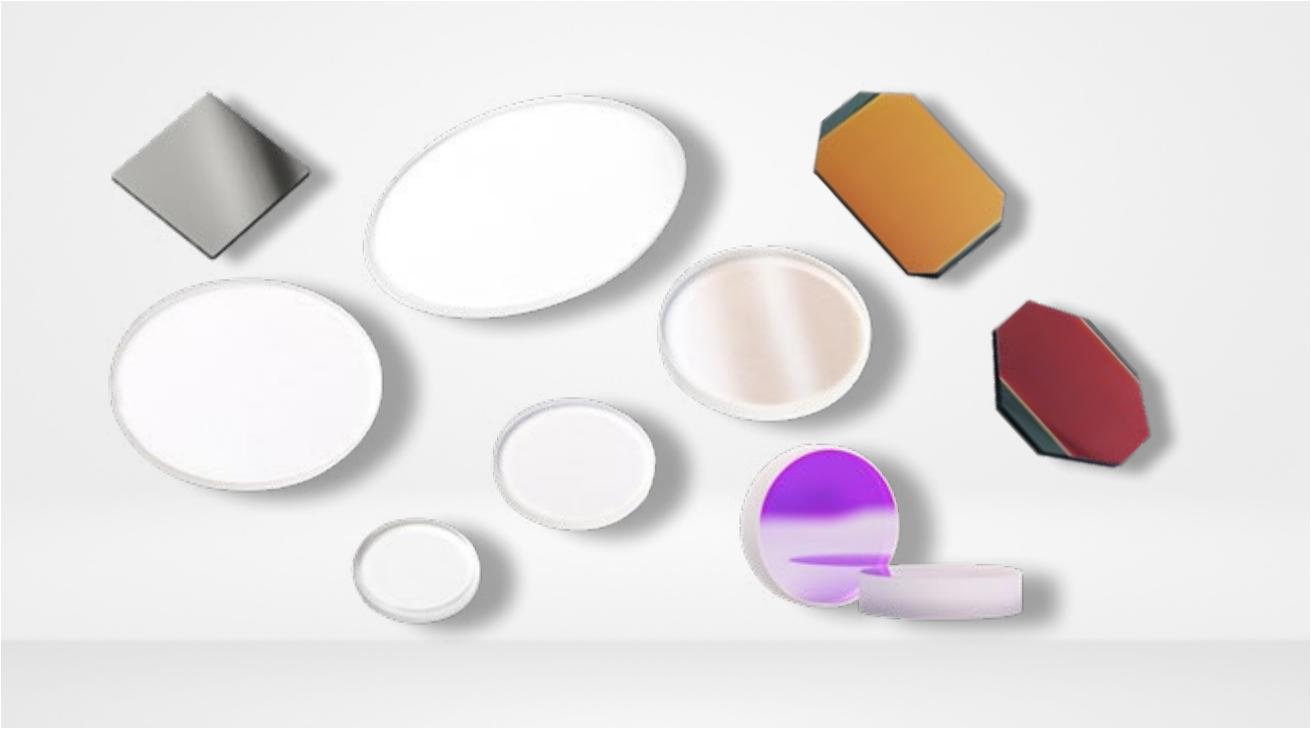
Combined Large Prism

Endoscope Assembly Microprism



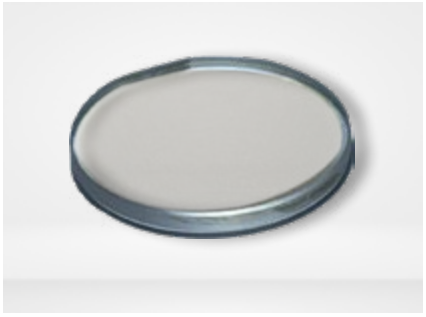
Combined Microprism with Cemented Waveplate

Flat Optics



Product Parameter	Standard Requirements
Products Category	Protective Window, /Galvo, /Mirror,Polarizer， Waveplate
Material	K9, ZF，SF11 K9，Fused Silica , ZF Glass,SF11,Quartz Crystal,Monocrystalline Silicon Etc.
Extinction Ratio	Single Wavelength ＞ 2000:1， Single Wavelength @High Power ＞ 2000:1， Wideband ＞ 1000:1， Wideband @ High Power ＞ 1000:1
Surface Quality	20/10
Retardance	1/4λ,1/2λ 1/4λ,1/2λ Etc.
Retardance Tolerance	<1/300λ
Flatness	<λ/4@633nm
Assembly Method	Glued/Optical Bonding
Coating	PBS，AR, /HR AR, HR, Metallic reflective coating, Dielectric Coating
LIDT	＞ 10J/cm^2, 20ns, 20Hz@1064nm
Standard Coating Wavelength	Narrowband: 450, 532, 632, 780, 795, 808, 852, 980, 1064, 1310, 1550nm Wideband: 450-650, 650-900, 900- 1200, 1200- 1550, 1500- 1610nm

Circular Single Wave Plate



Glued/Optical Bonding Wave Plate

Elliptical Polarizer

Circular Reflector

Circular Protective Windows（Large Size）

Circular Protective Windows（Small Size）

Square Reflector

X Galvanometer Mirror
（K9/Si/Fused Silica）

Y Galvanometer Mirror
（K9/Si/Fused Silica）

Square Single Wave Plate

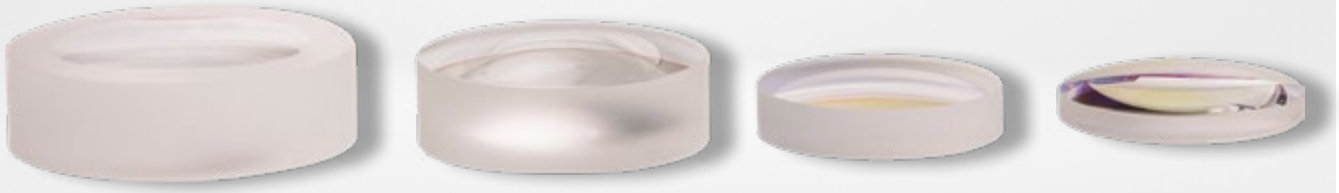
Germanium Flat Optics

Square Protective Windows

Lens

Product Parameter	Standard Requirements
Diameter Tolerance	+0/-0.02mm
Thickness Tolerance	±0.2mm
Design Wavelength	Customized
Surface Quality	20/10
Clear Aperture	＞90%
Flatness	N＜3 (0.5) @632.8nm
Focal Length Tolerance	±2%
Centration	＜3′
Chamfer	Protected ＜0.5mm×45°

Plano Concave/Biconcave Lens

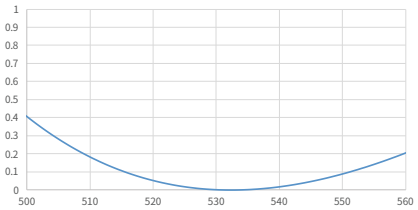
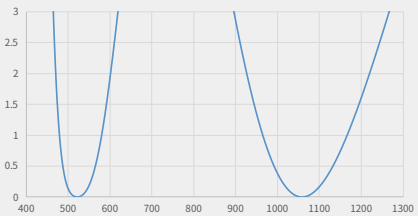
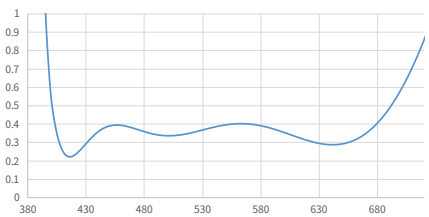


Plano Convex/Biconvex Lens

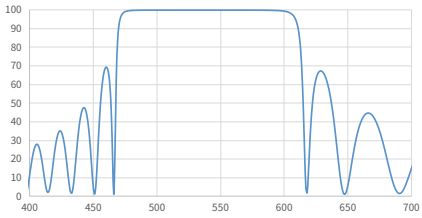
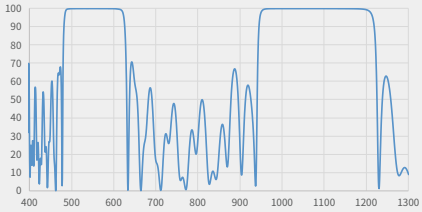
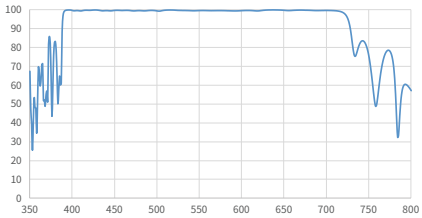
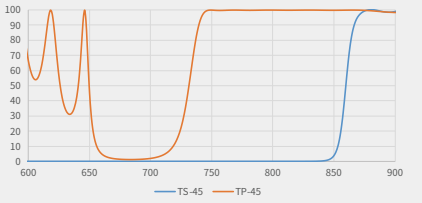
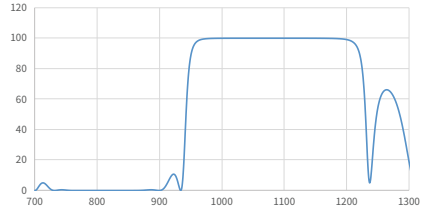
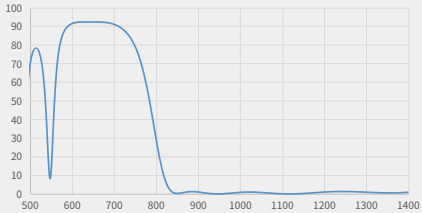
Meniscus Lens

Coating Curve

(AR Coating)

Coating Type	Example Index	Coating Curve
Single Band AR Coating	R<0.1%532nm,AOI=0°	
Dual Band AR Coating	R<0.2%@532nm， R<0.2%@1064nm,AOI=0°	
Wideband AR Coating	R<0.5%@420-680nm,AOI=0°	

(HR Coating)

Coating Type	Example Index	Coating Curve
Single Band HR Coating	R>99.9%@532nm,AOI=0°	
Dual Band HR Coating	R>99.9%@532&1064nm,AOI=0°	
Wideband HR Coating	R>99%@400-700nm,AOI=45°	
PBS Coating	Tp>99%@755-835nm, TS<0.5%@755-835nm, Transmission ER>40dB, Reflective ER>25dB, AOI=45°（Glue）	
HRHT Coating	R>99.9%@1064nm,R<0.5%@808nm,AOI=0°	
HTPR HTPR Coating	R=92.5±1%@630-660nm,R<3%@900-1100nm,AOI=0°