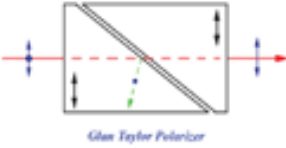
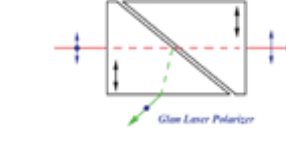
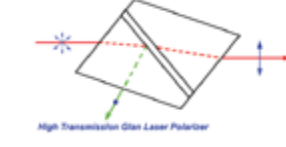
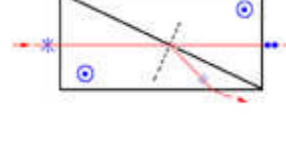
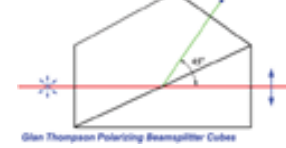
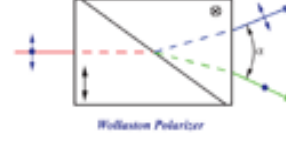
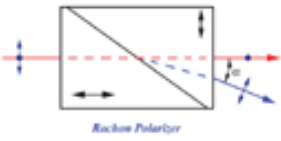
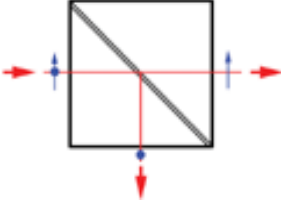
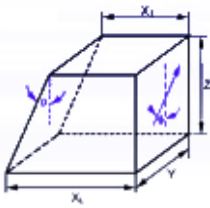
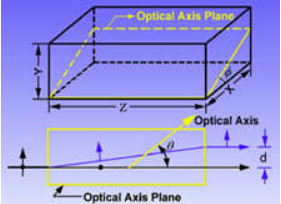


Polarizer	Illustration	Transmission	Interface	Damaged Threshold	Part#	Material	wavelength	Extinction Ratio	Angular Field(°)
Glan-Taylor Polarizer (PGT)	 <i>Glan Taylor Polarizer</i>	Medium	Air-space	Low to Medium 200MW/cm ² (without escape windows)	PGT7xxx PGT6xxx PGT8xxx	Calcite α - BBO YVO ₄	(350-2300nm) (190-3500nm) (500-5000nm)	<5x10 ⁻⁵ ; <5x10 ⁻⁶ ; <5x10 ⁻⁶	>7.7 >6.0 >6.5
Glan-Laser Polarizer (PGL)	 <i>Glan Laser Polarizer</i> α -BBO	Medium	Air-space	High power 500MW/cm ² (with escape windows)	PGL7xxx PGL6xxx PGL8xxx	Calcite α - BBO YVO ₄	(350-2300nm) (190-3500nm) (500-5000nm)	<5x10 ⁻⁵ ; <5x10 ⁻⁶ ; <5x10 ⁻⁶	>7.7 >6.0 >6.5
High Transmission Glan-Laser Polarizer (PGH)	 <i>High Transmission Glan Laser Polarizer</i> Calcite	High	Air-space	High power 500MW/cm ² (with escape windows)	PGH7xxx PGH8xxx	Calcite YVO ₄	(350-2300nm) (500-5000nm)	<5x10 ⁻⁵ ; <5x10 ⁻⁶	>7.7 >6.5
Glan-Thompson Polarizer (PGM)	 Calcite	Medium	Cemented	Low power 100MW/cm ²	PGM71xx PGM72xx PGM6xxx	Calcite Calcite α - BBO	(350-2300nm) (350-2301nm) (220-900nm)	<5x10 ⁻⁵ ; <5x10 ⁻⁵ ; <5x10 ⁻⁶ ;	14-16 25-28 >15
Glan-Thompson Polarizer Beamsplitter Cube (PGB)	 <i>Glan Thompson Polarizing Beamsplitter Cubes</i> Calcite	Medium	Cemented	Low or Medium 150MW/cm ²	PGB7xxx	Calcite	(350-2300nm)	<5x10 ⁻⁵ ;	14-16
Wollaston Polarizer (PWS)	 <i>Wollaston Polarizer</i>	High	Cemented Optical Contact	low power 100MW/cm ² Medium power 200MW/cm ²	PWS7xxx PWS6xxx PWS8xxx PWS9xxx PWS5xxx	Calcite α - BBO YVO ₄ Quartz MgF ₂	(350-2300nm) (190-3500nm) (500-5000nm) (200-2300nm) (110-8500nm)	<5x10 ⁻⁵ ; <5x10 ⁻⁶ ; <5x10 ⁻⁶ ; <5x10 ⁻⁵ ; <5x10 ⁻⁴	16.7-22.5 15-27 19.6-23.3 2-3 2-3 (Standard Separation angle)

Polarizer	Illustration	Transmission	Interface	Damaged Threshold	Part#	Material	wavelength	Extinction Ratio	Angular Field(°)
Rochon Polarizer (PRH)	 <p>α-BBO</p>	High	Cemented Optical Contact	low power 100MW/cm ² Medium power 200MW/cm ²	PRH6xxx	α- BBO	(190-3500nm)	<5x10 ⁻⁶ ;	8-14
					PRH8xxx	YVO ₄	(500-5000nm)	<5x10 ⁻⁶	1-2
Polarization Beamsplitter (PBS)	 <p>α-BBO</p>	High	Cemented	low power 200MW/cm ²	PBSxxxx	BK7	single wavelength	<1x10 ⁻³	5
					PBSxxxx	SF5	broadband wavelength	<5x10 ⁻³	5
Wedge		High		High power 500MW/cm ²	WEDxxxx	Calcite α - BBO YVO ₄	(350-2300nm) (190-3500nm) (500-5000nm)	<5x10 ⁻⁵ ; <5x10 ⁻⁶ ; <5x10 ⁻⁶	
Beam Displacer		High		High power 500MW/cm ²	BDPxxxx	Calcite α- BBO YVO ₄	(350-2300nm) (190-3500nm) (500-5000nm)	<5x10 ⁻⁵ ; <5x10 ⁻⁶ ; <5x10 ⁻⁶	5.6 5.6 5.6

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