

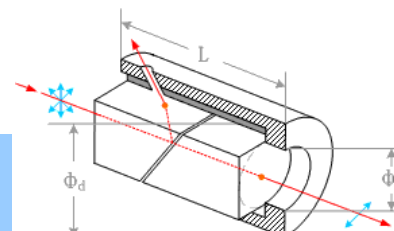
Glan Laser Polarizer

Features

- High Polarization Purity
- Close to Brewster's Angle Cutting
- Air-spaced

Applications

- Beam Polarizing



Specifications

Material	α-BBO, Calcite, YVO4
Wavelength range	α-BBO:200~3500nm Calcite:350~2300nm YVO4:500~4000nm
Extinction ratio	α-BBO:5×10^{-6}, Calcite:5×10^{-6}, YVO4: 5×10^{-6}
Surface quality	20-10 S/D
Dimension tolerance	±0.1mm
Beam deviation	<math>< 3</math> arcmin
Wavefront distortion	$\lambda/4@632.8\text{nm}$
Damage threshold	>200MW/cm ²
Coating	Single layer MgF2

Standard Products

Part No.	Material	Angle field	Φa (mm)	Φd (mm)	L (mm)	Unit price
HGLP0108	Calcite	7.7°	8.0	25.4	24.5	\$250.0
HGLP0110	Calcite	7.7°	10.0	25.4	26.2	\$298.0
HGLP0112	Calcite	7.7°	12.7	25.4	27.5	\$368.0
HGLP0115	Calcite	7.7°	15.0	30.0	33.0	\$430.0
HGLP0120	Calcite	7.7°	20.0	38.0	42.3	\$720.0
HGLP1208	α-BBO	6.0°	8.0	25.4	30.4	\$398.0
HGLP1210	α-BBO	6.0°	10.0	25.4	31.0	\$468.0
HGLP1212	α-BBO	6.0°	12.7	25.4	27.0	\$568.0
HGLP1215	α-BBO	6.0°	15.0	30.0	33.4	\$680.0
HGLP1220	α-BBO	6.0°	20.0	38.0	43.6	\$980.0
HGLP2308	YVO4	6.0°	8.0	25.4	20.0	\$358.0
HGLP2310	YVO4	6.0°	10.0	25.4	23.0	\$420.0
HGLP2315	YVO4	6.0°	15.0	30.0	29.0	\$668.0
HGLP2320	YVO4	6.0°	20.0	38.0	38.0	\$1100.0