

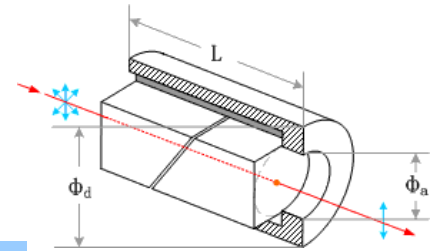
# Glan Taylor Polarizer

## 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:<math>5 \times 10^{-6}</math>, Calcite:<math>5 \times 10^{-6}</math>, YVO4: <math&gt;5 10^{-6}&lt;="" \times="" math&gt;<="" td=""> </math&gt;5>
Surface quality	20-10 S/D
Dimension tolerance	±0.1mm
Beam deviation	<math>< 3</math> arcmin
Wavefront distortion	<math&gt;\lambda 4&lt;="" math&gt;@632.8nm<="" td=""> </math&gt;\lambda>
Damage threshold	>200MW/cm <sup>2</sup>
Coating	Single layer MgF2

## Standard Products

Part No.	Material	Angle field	Φa (mm)	Φd (mm)	L (mm)	Unit price
HGTP0108	Calcite	7.7°	8.0	25.4	17.0	\$240.0
HGTP0110	Calcite	7.7°	10.0	25.4	19.0	\$280.0
HGTP0112	Calcite	7.7°	12.7	25.4	21.0	\$320.0
HGTP0115	Calcite	7.7°	15.0	30.0	23.0	\$400.0
HGTP0120	Calcite	7.7°	20.0	38.0	29.0	\$680.0
HGTP1208	α-BBO	6.0°	8.0	25.4	17.0	\$330.0
HGTP1210	α-BBO	6.0°	10.0	25.4	19.0	\$410.0
HGTP1212	α-BBO	6.0°	12.7	25.4	21.0	\$520.0
HGTP1215	α-BBO	6.0°	15.0	30.0	23.0	\$600.0
HGTP1220	α-BBO	6.0°	20.0	38.0	29.0	\$910.0
HGTP2308	YVO4	6.0°	8.0	25.4	17.0	\$280.0
HGTP2310	YVO4	6.0°	10.0	25.4	19.0	\$350.0
HGTP2312	YVO4	6.0°	12.7	25.4	21.0	\$430.0
HGTP2315	YVO4	6.0°	15.0	30.0	23.0	\$530.0
HGTP2320	YVO4	6.0°	20.0	38.0	29.0	\$820.0