

Wollaston Polarizer

Features

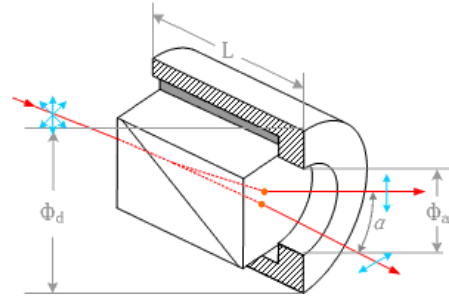
- Wide Wavelength Range
- Low Power Application

Applications

- Beam Polarizing

Specifications

Material	Calcite
Wavelength range	350~2300nm
Extinction ratio	$< 5 \times 10^{-5}$
Surface quality	60-40 S/D
Dimension tolerance	$\pm 0.1\text{mm}$
Beam deviation	< 3 arcmin
Wavefront distortion	$\lambda/4@632.8\text{nm}$
Damage threshold	$> 500\text{MW/cm}^2$
Coating	Single layer MgF2
Mount	Black anodized aluminium



Standard Products

Part No.	Material	Separation angle	Φ_a (mm)	Φ_d (mm)	L (mm)	Unit price
HTPS0108	Calcite	$16^\circ@980\text{nm}$	8.0	25.4	17.0	\$258.0
HTPS0110	Calcite	$16^\circ@980\text{nm}$	10.0	25.4	19.0	\$300.0
HTPS0115	Calcite	$16^\circ@980\text{nm}$	15.0	30.0	23.5	\$428.0
HTPS0115	Calcite	$16^\circ@980\text{nm}$	20.0	38.0	29.5	\$768.0