

Birefringent Wedge

Features

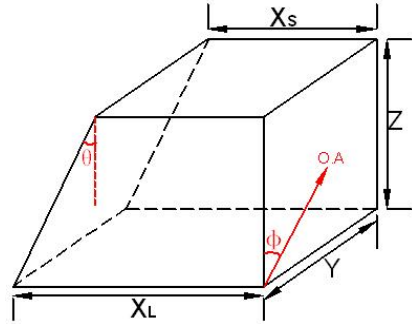
- High Precision Dimension
- High Insertion Loss

Applications

- Isolators
- PBC
- Wollaston Prism

Specifications

Material	YVO4, LiNbO3
Dimension tolerance	±0.05mm
Optical axis orientation	±0.1°
Surface quality	20-10 S/D
Surface flatness	λ/4@632.8nm
Clear aperture	>85%
Coating	AR, R<0.2%@central wavelength



Standard Products

Part No.	Crystal	X (mm)	Y (mm)	Z (mm)	θ	Φ	Wavelength
HBWG3055	YVO4	$X_L=0.5$	1.4	1.4	5°	22.5°	1550nm
HBWG3085	YVO4	$X_L=0.5$	1.4	1.4	8°	22.5°	1550nm
HBWG3053	YVO4	$X_L=0.5$	1.4	1.4	5°	22.5°	1310nm
HBWG3083	YVO4	$X_L=0.5$	1.4	1.4	8°	22.5°	1310nm
HBWG2135	LiNbO3	$X_S=0.25$	1.25	1.25	13°	22.5°	1550nm
HBWG2155	LiNbO3	$X_S=0.25$	1.25	1.25	15°	22.5°	1550nm
HBWG2133	LiNbO3	$X_S=0.25$	1.25	1.25	13°	22.5°	1310nm
HBWG2153	LiNbO3	$X_S=0.25$	1.25	1.25	15°	22.5°	1310nm