

# Beam Displacer

## Features

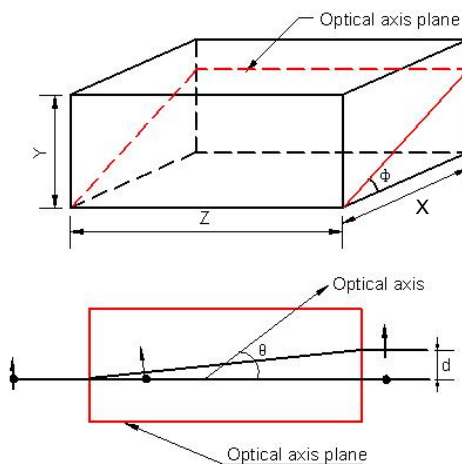
- High Precision Dimension
- High Orientation Accuracy

## Applications

- Circulators
- Interleavers

## Specifications

Material	YVO4
Dimension tolerance	$\pm 0.05 \times \pm 0.05 \times \pm 0.1 \text{ mm}$
Optical axis orientation	$\pm 0.5^\circ$
Surface quality	20-10 S/D
Surface flatness	$\lambda/4 @ 632.8 \text{ nm}$
Parallelism	$< 15 \text{ arcsec.}$
Perpendicularity	$< 10 \text{ arcmin.}$
Coating	AR,R $< 0.2\% @ \text{central wavelength}$



## Standard Products

Part No.	Size X×Y×Z (mm)	$\theta$	$\phi$	d (mm)	Wavelength
HBMD0301	2.6×2.6×7.0	45°	0°	0.7	1550nm
HBMD0302	2.6×2.6×10.0	45°	0°	1.0	1550nm
HBMD0303	2.6×2.6×12.0	45°	0°	1.2	1550nm
HBMD0304	2.6×2.6×15.0	45°	0°	1.5	1550nm
HBMD0401	2.6×2.6×7.0	45°	45°	0.7	1550nm
HBMD0402	2.6×2.6×10.0	45°	45°	1.0	1550nm
HBMD0403	2.6×2.6×12.0	45°	45°	1.2	1550nm
HBMD0404	2.6×2.6×15.0	45°	45°	1.5	1550nm