

Beam Samplers | BSB

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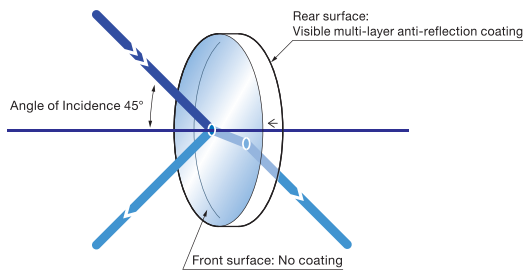
Holder & Vibration isolator

A beam sampler behaves like a plate beam splitter, it has the ability to reflect approximately 5.2% of the entire beam.

- Uncoated surfaces of optical parallels or wedged substrates are reflection surfaces. The rear surfaces are coated with multi-layer anti-reflection.
- These products have beam deviations at transmission and ghost by rear surface reflections due to the characteristics of plate beam splitters.
- To prevent ghost, wedged substrate is used with rear surface AR coating.

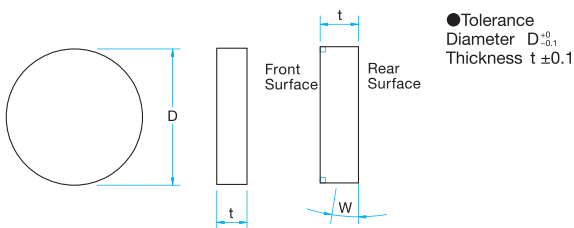


Schematic



Outline Drawing

(in mm)

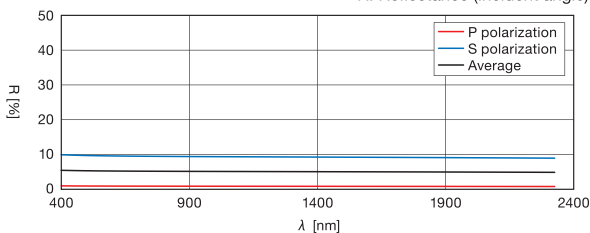


φ30·φ50

Part Number	Wavelength Range [nm]	Diameter D [mm]	Thickness t [mm]	Parallelism
BSB-30C03-10-550	400 – 700	φ30	3	<5"
BSB-30C05-10W-550	400 – 700	φ30	5	1°±5'
BSB-50C05-10-550	400 – 700	φ50	5	<5"
BSB-50C08-10W-550	400 – 700	φ50	8	1°±5'

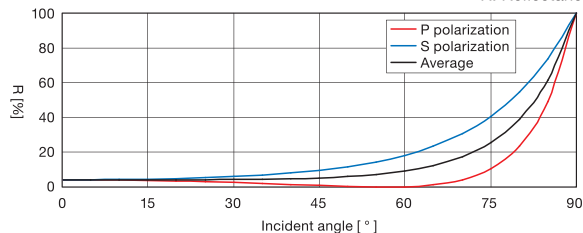
Typical Reflectance Data (Calculated value)

R: Reflectance (Incident angle)



Reflectivity change in accordance with incident angle (Calculated value)

R: Reflectance



Compatible Optic Mounts

GBH-30S, -50S / KMH-MP30-NL, MP50-NL