

Multiband Dielectric Multilayer Mirror

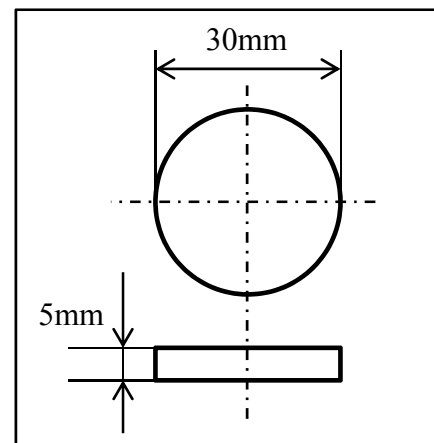
This Multiband dielectric multilayer mirror has two types of oxide dielectric alternate multilayer films with different refractive indices that were vapor deposited on a flat substrate using ion-assisted film-forming technology.

This product is easy to handle due to a high reflectivity of 99% and above in comparison to metal mirrors, and an equivalent mirror surface solidity to glass.

Features

- High reflectivity of 99 % at specific two wavelength
- Capability to use an incident angle range of 45 degrees
- High reflectance from both P and S polarized lights
- Almost no deterioration due to aging
- Capability to be used under high temperature and high humidity
- High CW laser proof stress due to almost no absorption loss in comparison to metal mirrors

Size

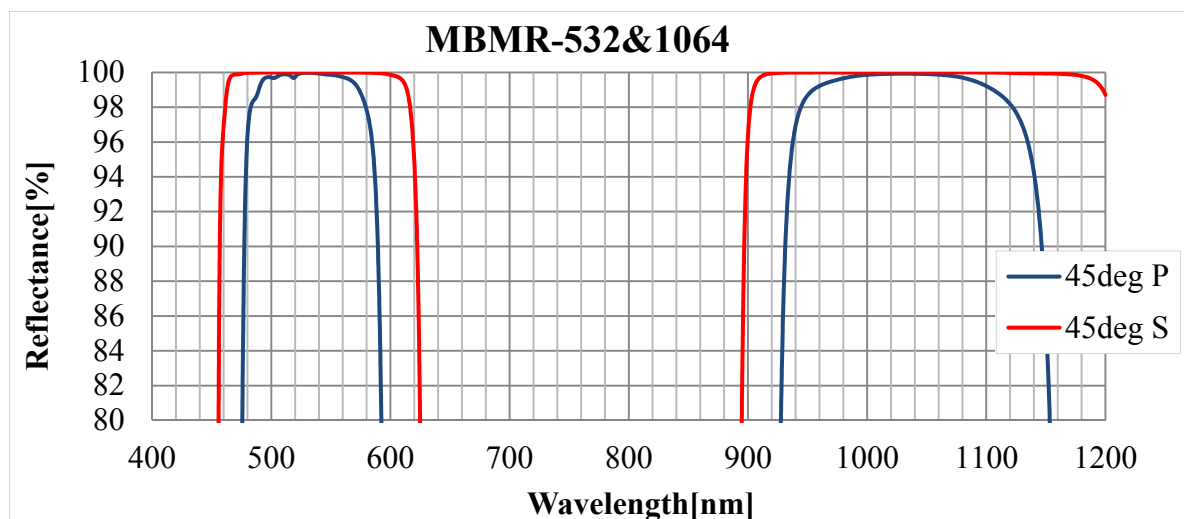


Typical Specifications

Model	MBMR
Wavelength Range	532 ± 10 nm & 1064 ± 10 nm
Reflectance	≥ 99 %
Incidence Angle	45 degrees
Size	φ30 x 5 ^t mm
Substrate	Quartz
Substrate Surface Precision	λ/10 @ 632.8 nm
Parallelism	Within 3 minutes
Effective Diameter	80% of the actual diameter

Wavelength Characteristics of Reflectance

* Wavelength Range: 532 ± 10 nm & 1064 ± 10 nm



Ordering Instructions

+Multiband Dielectric Multilayer Mirror

Order format: MBMR - (1) - A

Order format example: MBMR-532&1064-A

(1) Wavelength	532&1064: 532&1064 nm
(2) External Diameter of Substrates	A: φ30 mm