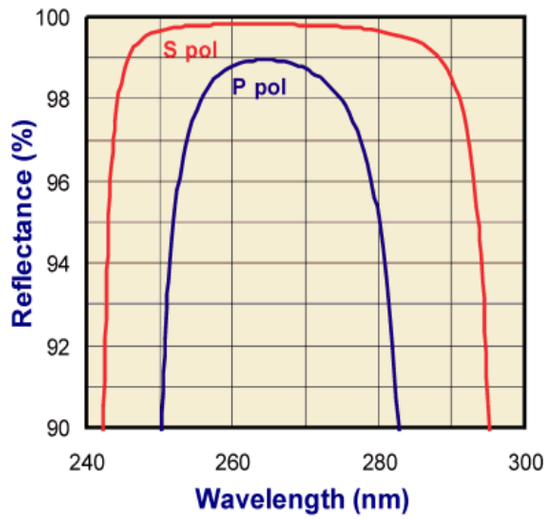
266 nm Solid State Laser Mirrors for 45° Incidence

These high performance mirrors are intended for general purpose beam steering tasks in frequency-quadrupled Nd:YAG and Nd:YVO4 laser based applications and systems.

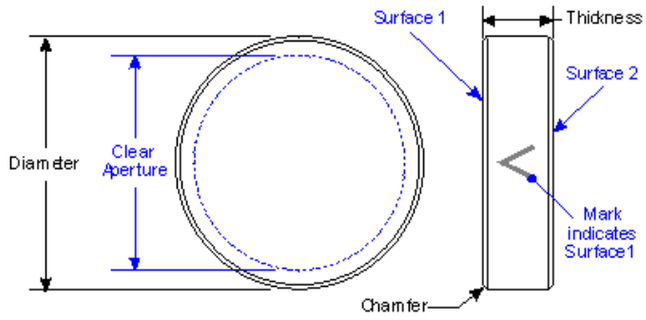
Advantages

- High reflectivity
- Superior laser damage resistance
- Excellent mechanical durability

Common Specifications	
Chamfer	0.50 mm at 45°
Clear Aperture	85%
Diameter Tolerance	+0.00, -0.13 mm
Front Surface Flatness	λ/10 at 633 nm
Material	Fused Silica
Rear Surface	Commercial Polish
Surface Quality	10-5
Thickness Tolerance	±0.25 mm
Wedge	<5 arc minutes
Surface 1 Flatness	λ/10 at 633 nm
Surface 1 Surface Quality	10-5
Surface 1 Coating	≥95.0% reflectivity at 266 nm
Surface 1 Angle Of Incidence	45°
Surface 2 Flatness	Commercial polish
Surface 2 Surface Quality	Commercial polish
Surface 2 Coating	None



Part Number	Diameter	Thickness
MR2040	25.4	9.525
MR2080	50.8	9.525



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