

E-max - High Damage Threshold 800 nm Ultrafast Laser Mirrors for 0° Incidence

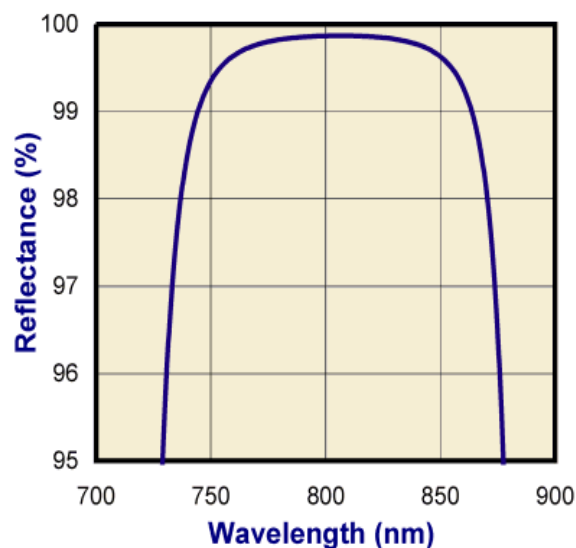
These high performance mirrors are intended to deliver very high damage resistance for general purpose beam steering tasks in Ti:S ultrafast laser based applications.

Advantages

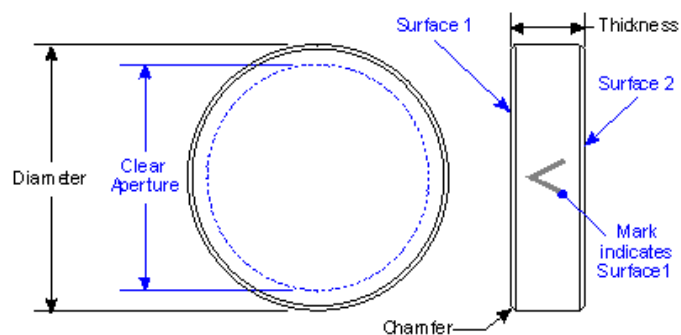
- Superior damage resistance
- Wide spectral bandwidth
- Minimal group velocity dispersion
- High reflectivity
- Excellent mechanical durability

Common Specifications

Chamfer	0.50 mm at 45°
Clear Aperture	85%
Diameter Tolerance	+0.00, -0.13 mm
Front Surface Flatness	$\lambda/10$ 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	$\lambda/10$ at 633 nm
Surface 1 Surface Quality	10-5
Surface 1 Coating	$\geq 99.5\%$ reflectivity at 800 nm
Surface 1 Angle Of Incidence	0°
Surface 2 Flatness	Commercial polish
Surface 2 Surface Quality	Commercial polish
Surface 2 Coating	None



Part Number	Diameter	Thickness
MR6220	25.4	9.525
MR6260	50.8	9.525



Alpine Research Optics, 6810 Winchester Circle, Boulder, Colorado 80301

sales@arocorp.com 303-444-3420

Copyright © 2006 Alpine Research Optics. All rights reserved.



光技術をサポートする
株式会社オプトサイエンス

http://www.optoscience.com

東京本社 〒160-0014 東京都新宿区内藤町1番地 内藤町ビルディング TEL:03-3356-1064
大阪営業所 〒532-0011 大阪市淀川区西中島7-7-2 新大阪ビル西館 TEL:06-6305-2064
名古屋営業所 〒450-0002 名古屋市中村区名駅2-37-21 東海ソフトビル TEL:052-569-6064

E-mail: info@optoscience.com