

MAX-R Laser Line Mirrors, 0° AOI

1" dia x 1/4" Part Numbers	2" dia x 1/4" Part Numbers	Reflectance	Bandwidth*	Power Rating**	Laser
MX-25-266	MX-51-266	99.5%	6-8%	300 MW/cm ²	Nd:YAG
MX-25-351	MX-51-351	99.5%	6-8%	300 MW/cm ²	XeF
MX-25-355	MX-51-355	99.5%	6-8%	300 MW/cm ²	Nd:YAG
MX-25-488	MX-51-488	99.8%	10%	500 MW/cm ²	Ar
MX-25-514	MX-51-514	99.8%	10%	500 MW/cm ²	Ar
MX-25-532	MX-51-532	99.8%	10%	500 MW/cm ²	Nd:YAG
MX-25-633	MX-51-633	99.8%	10%	500 MW/cm ²	HeNe
MX-25-780	MX-51-780	99.8%	10%	500 MW/cm ²	Diode
MX-25-810	MX-51-810	99.8%	10%	500 MW/cm ²	Diode
MX-25-830	MX-51-830	99.8%	10%	500 MW/cm ²	Diode
MX-25-850	MX-51-850	99.8%	10%	500 MW/cm ²	Diode
MX-25-980	MX-51-980	99.8%	10%	500 MW/cm ²	Diode
MX-25-1053	MX-51-1053	99.8%	10%	500 MW/cm ²	Nd:YLF
MX-25-1064	MX-51-1064	99.8%	10%	500 MW/cm ²	Nd:YAG
MX-25-1310	MX-51-1310	99.8%	10%	500 MW/cm ²	Diode
MX-25-1319	MX-51-1319	99.8%	10%	500 MW/cm ²	Diode
MX-25-1540	MX-51-1540	99.8%	10%	500 MW/cm ²	Diode

* Band width Shown is at ±5% of peak

** Power Rating Based on 20ns pulse, 20Hz

MAX-R Laser Line Mirrors, 45° AOI

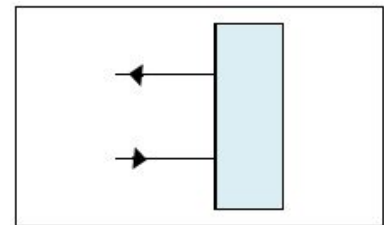
1" dia x 1/4" Part Numbers	2" dia x 1/4" Part Numbers	Reflectance	Bandwidth*	Power Rating**	Laser
MY-25-193	MY-51-193	95%	3-4%	300 MW/cm ²	ArF
MY-25-212	MY-51-212	96%	3-4%	300 MW/cm ²	Nd:YAG
MY-25-248	MY-51-248	99%	3-4%	300 MW/cm ²	KrF
MY-25-266	MY-51-266	99.5%	3-4%	300 MW/cm ²	Nd:YAG
MY-25-325	MY-51-325	99.5%	6-8%	300 MW/cm ²	HeCd
MY-25-351	MY-51-351	99.5%	6-8%	300 MW/cm ²	XeF
MY-25-355	MY-51-355	99.5%	6-8%	300 MW/cm ²	Nd:YAG
MY-25-488	MY-51-488	99.8%	10%	500 MW/cm ²	Ar
MY-25-514	MY-51-514	99.8%	10%	500 MW/cm ²	Ar
MY-25-532	MY-51-532	99.8%	10%	500 MW/cm ²	Nd:YAG
MY-25-633	MY-51-633	99.8%	10%	500 MW/cm ²	HeNe
MY-25-650	MY-51-650	99.8%	10%	500 MW/cm ²	Diode
MY-25-670	MY-51-670	99.8%	10%	500 MW/cm ²	Diode
MY-25-780	MY-51-780	99.8%	10%	500 MW/cm ²	Diode
MY-25-810	MY-51-810	99.8%	10%	500 MW/cm ²	Diode
MY-25-830	MY-51-830	99.8%	10%	500 MW/cm ²	Diode
MY-25-850	MY-51-850	99.8%	10%	500 MW/cm ²	Diode
MY-25-980	MY-51-980	99.8%	10%	500 MW/cm ²	Diode
MY-25-1053	MY-51-1053	99.8%	10%	500 MW/cm ²	Nd:YLF
MY-25-1064	MY-51-1064	99.8%	10%	500 MW/cm ²	Nd:YAG
MY-25-1310	MY-51-1310	99.8%	10%	500 MW/cm ²	Diode
MY-25-1319	MY-51-1319	99.8%	10%	500 MW/cm ²	Diode
MY-25-1540	MY-51-1540	99.8%	10%	500 MW/cm ²	Diode
MY-25-2010	MY-51-2010	99.8%	10%	500 MW/cm ²	Ym:YAG
MY-25-2100	MY-51-2100	99.8%	10%	500 MW/cm ²	Ho:YAG

* Bandwidth Shown is at ±5% of peak

** Power Rating based on 20ns pulse, 20Hz

Specifications

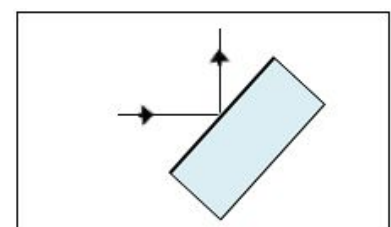
Substrate Material	UV fused silica
UV	BK7
VIS-NIR-IR	Fused silica
High power	
S1 Surface Figure	λ/20 typical at 633 nm
S1 Surface Quality	10 - 5 lasr quality
S2 Surface Quality	Fine Ground or Commercial Polish
Diameter Tolerance	+0.00 mm / -0.25 mm
Thickness Tolerance	±0.25 nm
Wedge	<3 minutes
Chamfer	0.35 mm at 45° typical
Clear Aperture	Exceeds central 85% of dimension



Max Reflector MX-Series

Specifications

Substrate Material	UV fused silica
UV	BK7
VIS-NIR-IR	Fused silica
High power	
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S1 Surface Quality	10 ~ 5 lasr quality
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Max Reflector MY-Series