Laser Mirrors

Flat Plates HR Coated Mirrors

Specifications:

- Material: **BK7**, **Fused Silica**
- Diameter Tolerance: +0,-0.2mm
- Thickness tolerance: ±0.2mm
- Clear Aperture: >80%
- Flatness: λ/4~λ/10@632.8nm
- Parallelism: ＜1 arc minute
- Surface Quality: 20/10 scratch and dig
- Coating: HR coated on S1 R＞99.5% for random polarization Rs＞99.9%, Rp＞99.2%, R=(Rs+Rp)/2, uncoated on S2

Φ (mm)	T(mm)	Angle of incidence	Wavelength Range (nm)	Material	Part NO
25.4	6.35	45 °	1064	BK7	NFM0203
25.0	0	45 °	1064	BK7	NFM0204
50.8	6.35	45 °	1064	BK7	NFM0306
25.4	6.35	0 °	532	BK7	SZM0203
25.4	6.35	0 °	532	JGS1	SZM1203
25.4	6.35	45 °	532	BK7	SFM0203
25.4	6.35	45 °	532	JGS1	SFM1203
25.4	6.35	0 °	355	JGS1	TZM1203
25.4	6.35	45 °	355	JGS1	TFM1203

Laser Line Mirrors

Specifications:

- Material: **BK7**
- Dimension Tolerance: +0.0/-0.2mm
- Thickness tolerance: ±0.2mm
- Clear Aperture: >80%
- Parallelism: <1 arc min
- Surface Quality: 20/10
- Back Surface : Commercial polish

- Surface Accuracy： λ/10 per 25mm @633nm
- Bevel：0.25(+0.25/-0.00)mm×45°
- Laser Damage：Varies
- Coating：HR Coating on S1, R>99.8% for random polarization, R=(Rs+Rp)/2, uncoated on S2

Φ(mm)	T(mm)	Angle of incidence	Wavelength Range (nm)	Laser Type	Part No.
25.4	6.35	0 °	488/514.5	Argon	ARM0201
25.4	6.35	45°	488/514.5	Argon	ARM0211
25.4	6.35	0 °	632.8	He-Ne	HNM0201
25.4	6.35	45°	632.8	He-Ne	HNM0211
25.4	6.35	0 °	700-900	Ti：Al2O3	TIM0201
25.4	6.35	45 °	700-900	Ti：Al2O3	TIM0211