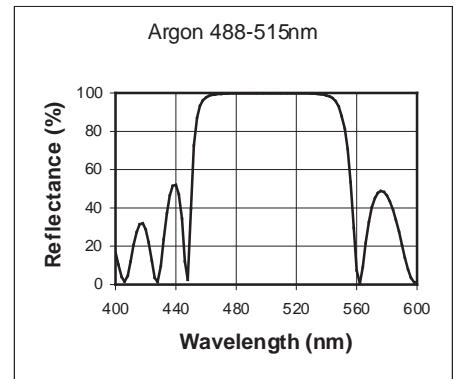
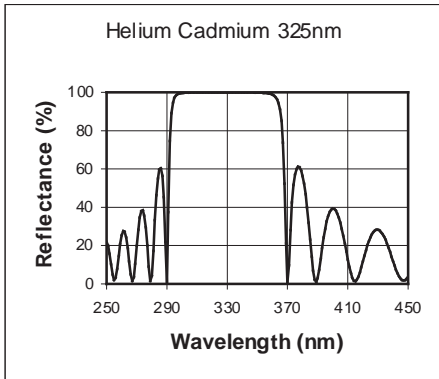


SPECIFICATIONS

| | |
|----------------------|-----------------|
| Substrate: | BK7, UVFS |
| Surface Flatness: | λ/10 @ 633nm |
| Surface Quality: | 10/5 |
| Diameter Tolerance: | +0.00/-0.25mm |
| Thickness Tolerance: | ±0.25mm |
| Clear Aperture: | 90% of diameter |

REFLECTANCE

| | | |
|---------------------|----------------------------------|-----------|
| Reflectance: | R > 99.7% | AOI = 0° |
| | R > 99.5% | AOI = 45° |
| Angle of Incidence: | 0/45 = 0° or 45° | |
| Damage Threshold: | 10 J/cm ² 10 ns pulse | |
| Durability: | MIL-C-675 | |



| P A R T N U M B E R | | | |
|-----------------------|-----------------|------|--------|
| UVFS | Wavelength (nm) | (mm) | T (mm) |
| Excimer Laser Mirror | | | |
| MI-1203-U-0193-0/45 | 193 | 12.7 | 3.0 |
| MI-2506-U-0193-0/45 | 193 | 25.4 | 6.3 |
| MI-3806-U-0193-0/45 | 193 | 38.1 | 6.3 |
| MI-5109-U-0193-0/45 | 193 | 50.8 | 9.5 |
| MI-1203-U-0248-0/45 | 248 | 12.7 | 3.0 |
| MI-2506-U-0248-0/45 | 248 | 25.4 | 6.3 |
| MI-3806-U-0248-0/45 | 248 | 38.1 | 6.3 |
| MI-5109-U-0248-0/45 | 248 | 50.8 | 9.5 |
| MI-1203-U-0308-0/45 | 308 | 12.7 | 3.0 |
| MI-2506-U-0308-0/45 | 308 | 25.4 | 6.3 |
| MI-3806-U-0308-0/45 | 308 | 38.1 | 6.3 |
| MI-5109-U-0308-0/45 | 308 | 50.8 | 9.5 |
| MI-1203-U-0352-0/45 | 352 | 12.7 | 3.0 |
| MI-2506-U-0352-0/45 | 352 | 25.4 | 6.3 |
| MI-3806-U-0352-0/45 | 352 | 38.1 | 6.3 |
| MI-5109-U-0352-0/45 | 352 | 50.8 | 9.5 |
| Nitrogen Laser Mirror | | | |
| MI-1203-U-0337-0/45 | 337 | 12.7 | 3.0 |
| MI-2506-U-0337-0/45 | 337 | 25.4 | 6.3 |
| MI-3806-U-0337-0/45 | 337 | 38.1 | 6.3 |
| MI-5109-U-0337-0/45 | 337 | 50.8 | 9.5 |

| P A R T N U M B E R | | | | |
|---------------------|---------------------|-----------------|------|--------|
| BK7 | UVFS | Wavelength (nm) | (mm) | T (mm) |
| He-Cd Laser mirror | | | | |
| | MI-1203-U-0325-0/45 | 325 | 12.7 | 3.0 |
| | MI-2506-U-0325-0/45 | 325 | 25.4 | 6.3 |
| | MI-3806-U-0325-0/45 | 325 | 38.1 | 6.3 |
| | MI-5109-U-0325-0/45 | 325 | 50.8 | 9.5 |
| MI-1203-B-0442-0/45 | MI-1203-U-0442-0/45 | 441.6 | 12.7 | 3.0 |
| MI-2506-B-0442-0/45 | MI-2506-U-0442-0/45 | 441.6 | 25.4 | 6.3 |
| MI-3806-B-0442-0/45 | MI-3806-U-0442-0/45 | 441.6 | 38.1 | 6.3 |
| MI-5109-B-0442-0/45 | MI-5109-U-0442-0/45 | 441.6 | 50.8 | 9.5 |
| Argon Laser Mirror | | | | |
| MI-1203-B-0494-0/45 | MI-1203-U-0494-0/45 | 494 | 12.7 | 3.0 |
| MI-2506-B-0494-0/45 | MI-2506-U-0494-0/45 | 494 | 25.4 | 6.3 |
| MI-3806-B-0494-0/45 | MI-3806-U-0494-0/45 | 494 | 38.1 | 6.3 |
| MI-5109-B-0494-0/45 | MI-5109-U-0494-0/45 | 494 | 50.8 | 9.5 |
| MI-1203-B-0502-0/45 | MI-1203-U-0502-0/45 | 502 | 12.7 | 3.0 |
| MI-2506-B-0502-0/45 | MI-2506-U-0502-0/45 | 502 | 25.4 | 6.3 |
| MI-3806-B-0502-0/45 | MI-3806-U-0502-0/45 | 502 | 38.1 | 6.3 |
| MI-5109-B-0502-0/45 | MI-5109-U-0502-0/45 | 502 | 50.8 | 9.5 |
| He-Ne Laser Mirror | | | | |
| MI-1203-B-0633-0/45 | MI-1203-U0633-0/45 | 632.8 | 12.7 | 3.0 |
| MI-2506-B-0633-0/45 | MI-2506-U-0633-0/45 | 632.8 | 25.4 | 6.3 |
| MI-3806-B-0633-0/45 | MI-3806-U-0633-0/45 | 632.8 | 38.1 | 6.3 |
| MI-5109-B-0633-0/45 | MI-5109-U-0633-0/45 | 632.8 | 50.8 | 9.5 |

ORDERING EXAMPLE: **MI - 2506 - U - 1064 - 45**

↑ COATING CODE ↑ DIMENSION ↑ SUBSTRATE ↑ WAVELENGTH ↑ AOI