

# Dielectric HR Mirrors

## Features

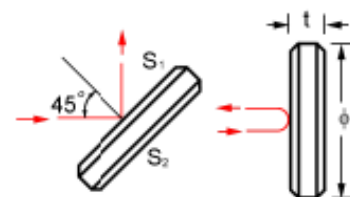
- High Precision Dimension
- Apply any HR Coating

## Applications

- Projection Optics System
- Imaging Optics System
- Optical Measurement System
- Optical Display System

## Specifications

Material	BK7, Fused silica
Dimension tolerance	±0.1mm
Parallelism	1 arcmin.
Surface quality	60-40 S/D
Surface flatness	$\lambda/8$ @632.8nm
Clear aperture	>85%
Bevel	Protective bevel
Coating S1	HR, R>99.5% for random polarization Rs>99.9%,Rp>99.2%,R=(Rs+Rp)/2
Coating S2	Uncoated



## Standard Products

Part No.	$\Phi$ (mm)	t (mm)	Incidence angle	Material	Wavelength
HNFM0203	25.4	6.35	45°	BK7	1064nm
HNFM0204	25.0	6.0	45°	BK7	1064nm
HNFM0306	50.8	6.35	45°	BK7	1064nm
HSZM0203	25.4	6.35	0°	BK7	532nm
HSZM1203	25.4	6.35	0°	Fused silica	532nm
HSFM0203	25.4	6.35	45°	BK7	532nm
HSFM1203	25.4	6.35	45°	Fused silica	532nm
HTZM1203	25.4	6.35	0°	Fused silica	355nm
HTFM1203	25.4	6.35	45°	Fused silica	355nm

Other shape, Plano-Concave, Plano-Convex and size are available upon request.