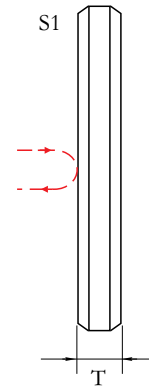


Dielectric HR Mirror

Applications:

- Projection Optics System
- Imaging Optics System
- Optical Measurement System
- Sensors
- Laser Measurement Systems



Capability

Attribute	Commercial	High Precision
Typical Material	BK7	BK7
Typical Dimension (mm)	Phi 10, 12.7, 15, 20, 25.4	Phi 10, 12.7, 15, 20, 25.4
Diameter Tolerance (mm)	+0.00/-0.1	+0.00/-0.03
Thickness Tolerance (mm)	+/-0.2	+/-0.05
Parallelism (arc second)	<60	<10
Flatness (per 25mm@632.8nm)	1/8	$\lambda/20$
Surface Quality (scratch/dig)	60-40	10-5
Bevel (face width x 45° mm)	0.2~0.5	0.05~0.2
Coating	Wavelength: customer specified, Reference to pages 65-75 Single wavelength HR: R>99.8% per surface	

