

II-VI



Metal Coated Mirror

PRODUCT OVERVIEW

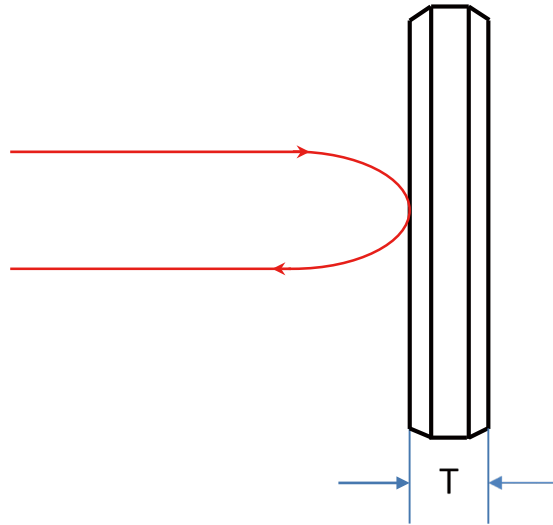
A mirror is an object with a surface that has good specular reflection and is smooth enough to form an image. II-VI provides many types of mirrors, including plane mirrors (meaning the surface is flat) and curved mirrors (meaning the surface is curved, producing magnified or de-magnified images, focusing light, or distorting the reflected image). Metal coatings can include gold, silver, or aluminum. II-VI produces metal-coated mirrors that offer a good combination of performance and value for general-purpose applications. They operate over a very broad spectral range from UV to visible, and visible to near- and mid-IR. They are relatively insensitive to angle of incidence and polarization.

Metal Coated Mirror

Applications

- WSS
- Optical passive components
- Optical measurement systems
- Tunable lasers

Dimensions



T is thickness.

Common specification

Material	N-Bk7 grade A optical glass or Other optics glass
Dimension	smallest to 1 x 1 x 1mm & largest to 6"
Thickness Tolerance	+/-0.05mm
Flatness typical	$\lambda/4@632.8$ nm, up to $\lambda/10@632.8$ nm
Surface Quality	(scratch/dig) better than 20-10
Parallelism	<1 arc minute
Coating	R Au HR coated >99 %@S, C or L band

Other sizes, wedged angles, diameters and coatings are also available upon request.