

High Reflectivity Dielectric Mirror

These mirrors feature multi-layer thin-film coatings optimized for specific wavelengths and angles of incidence. The coatings are highly durable, easily cleaned, and resistant to laser damage.



ADDITIONAL IMAGES



Overview

High-Performance Dielectric Mirrors

Dielectric mirrors provide near-total reflection, significantly minimizing energy losses in demanding optical systems. These durable coatings are engineered to be easily cleaned and highly resistant to laser-induced damage. Whether your application requires broadband or narrowband performance, these mirrors maintain high efficiency across a wide range of incident angles.

Performance Metrics

Reflectance (AOI=0°)

99.8 %

Reflectance

Reflectance (AOI=45°)

99.5 %

Total Reflectance

99.9 %

Rs

99.2 %

Rp

Technical Specifications

Common Substrate Materials

- Fused Silica
- BK7 Glass

Available Shapes

Round • Square • Rectangular

Angle of Incidence (AOI) Range

0° – 45°

Available Coating Types

Broadband, Narrowband

Applications

Typical Applications

- Laser Resonators
- Beam Steering
- Optical Instruments
- Scientific Research