

LOW-LOSS HIGH-REFLECTANCE DIELECTRIC MIRROR COATINGS

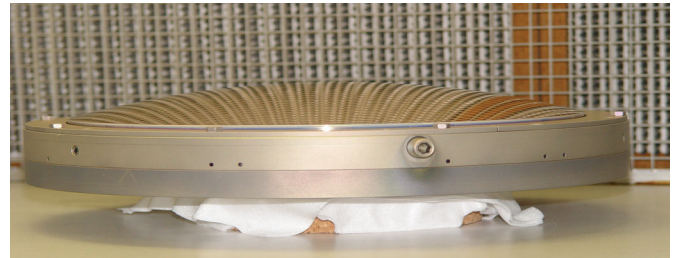
Applications include single or multi-band laser systems, commercial optical components, infrared defense and aerospace components and flight instruments.

Advanced Coating and Process Features

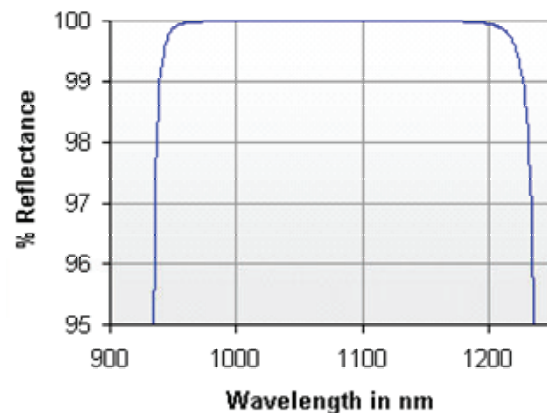
- Reflectance >99.95% over selected spectral range
- Multiple band coverage, 500 to 5000 nm
- Custom designed to your spectral requirements
- Absorption and scatter each <100 ppm
- High laser damage threshold
- Small optic production quantity runs or optics up to 20 inch in diameter and 80 pounds
- Glass, Si, Al, Zerodur, ULE or Be substrates
- Flat or curved optics or deformable mirrors
- Low mechanical stress for precision figured optics
- Low temperature coating process for optic safety

Most Rugged Coatings Available

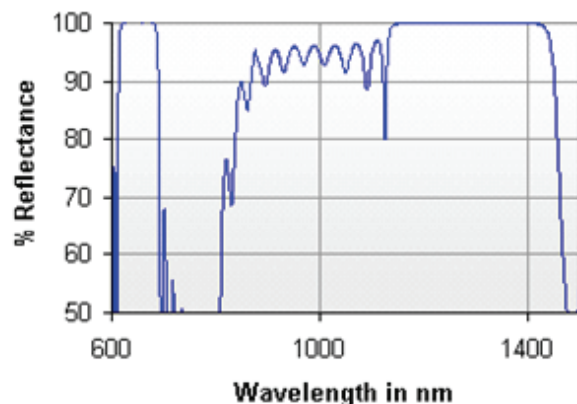
- Durable ion-assisted refractory-oxide coatings
- Meets MIL-specs:
 - Adhesion
 - Humidity
 - Abrasion
 - Salt fog
 - Temperature cycle
 - Cleanability (lab or field)
- Plus:
 - Space qualified
 - Flight and field tested
 - Radiation hard



1-Band Mirror Coating



3-Band Mirror Coating



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