

Spectral Optics

a division of
SPECTRAL PRODUCTS, LLC

*The new standard in optical coatings
and coated optical components*

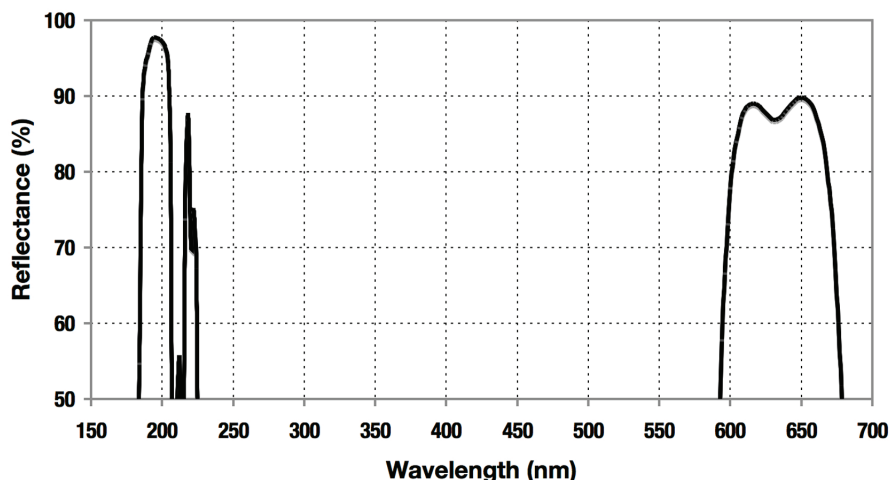
HBM

Hybrid Broadband
High Reflectance Mirror
Coating

REFLECTANCE

SPECIFICATIONS

193 nm 633 nm Hybrid Excimer Laser Mirror



- Laser mirror performance at primary wavelength
- Reflectivity > 80% at tracer wavelength
- Adhesion meets MIL-C-675C
- Electron beam evaporated durable multilayer dielectric

The HBM hybrid high reflectance coating is a high-performance wavelength specific mirror coating with a secondary reflectance peak to accommodate an alignment or tracer laser beam. Tracer wavelengths of 633 nm or 670 nm are available for use with either HeNe or semiconductor diode alignment lasers. It is fabricated using hard electron beam deposited dielectric materials, and so has excellent resistance to abrasion, moisture and laboratory solvents. It can be deployed on most optical glasses.

1064 nm 633 nm 45 degree Hybrid Reflective Coating

