

MULTISPECTRAL IMAGE-QUALITY BEAMSPLITTER COATINGS

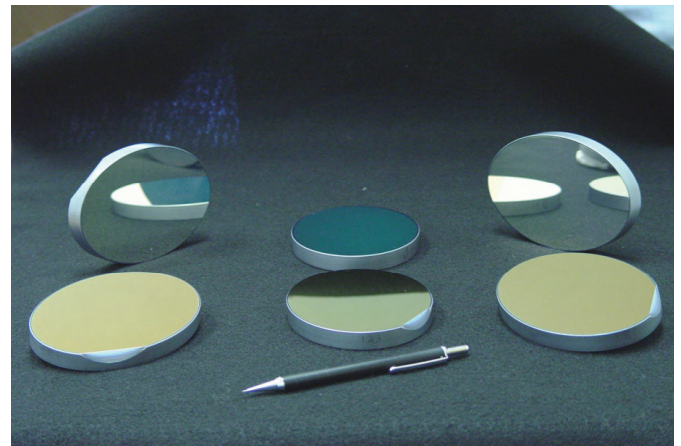
Applications include FLIR systems, VIS/NIR/IR camera optics, infrared defense and aerospace components and flight instruments.

Advanced Coating and Process Features

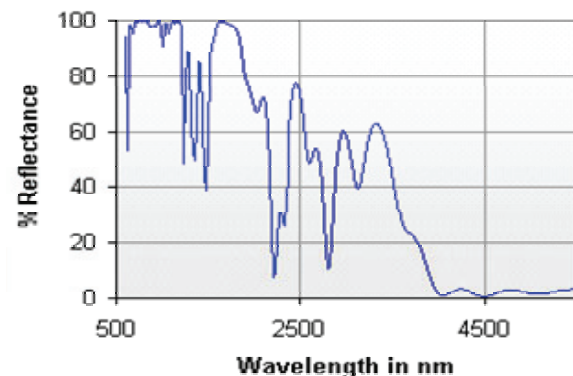
- Reflect VIS and NIR bands while transmit IR band or reflect and transmit your choice of bands
- Additional laser lines accommodated
- Multiple band (2 to 6) coverage, 500 to 6000 nm
- Custom designed to your spectral requirements
- High laser damage threshold
- High cosmetic quality maintained
- Small or large production quantity runs
- Bk7, Si or your choice of substrates
- Low mechanical stress for precision figured optics
- Surface pv (rms) flatness to 0.1 (0.02) 633 waves
- Low temperature coating process for optic safety

Most Rugged Coatings Available

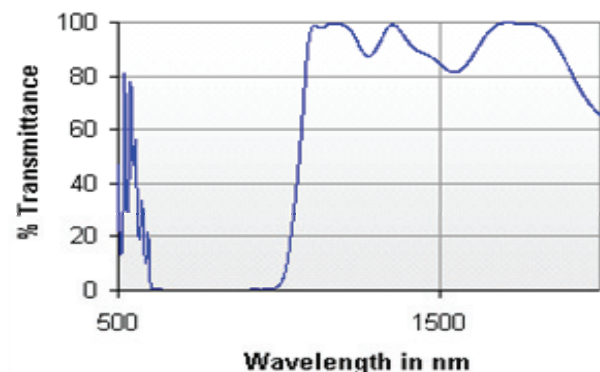
- Durable ion-assisted refractory-oxide coatings
- Meets MIL-specs:
 - Adhesion
 - Humidity
 - Abrasion
 - Salt fog
 - Temperature cycle
 - Cleanability (lab or field)
- Plus:
 - Space qualified
 - Flight and field tested
 - Radiation hard



Reflect Short, Transmit Long Band



Reflect Short, Transmit 2 Long



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