



## DEFENSE FILTER APPLICATIONS

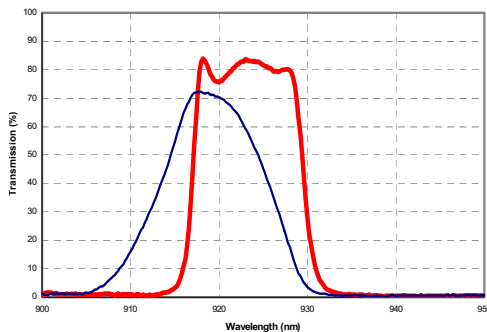
**IRCM (DIRCM, LAIRCM, etc.)**  
**Recon (Seespot)**  
**Threat Warning**  
**Fire Control**  
**Heads Up Display**

**Precision Strike**

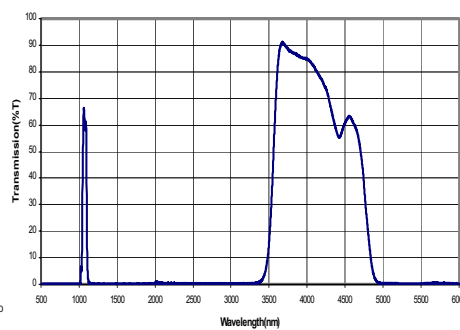
- Laser guided munitions
- Heat seeking missile
- Target acquisition
- Imaging IR Seeker

**Force Protection**  
**Missile Defense**  
**Sensor Fusion**  
**Surveillance**

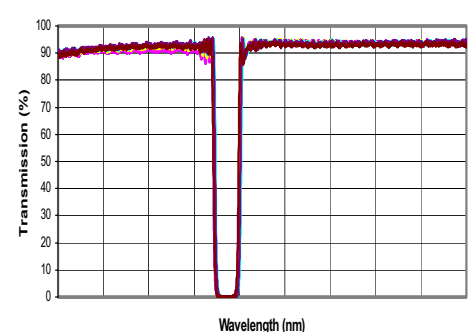
Laser Filter



SeeSpot



Rugate



### Laser Rider (see graph)

- Day/Night Vision
- See Spot Filters (see graph)
- 3.0 $\mu$ m-5.0 $\mu$ m Widebands
- 8.0 $\mu$ m-12.0 $\mu$ m Widebands
- Minus Blue and Leaky Green Coatings
- Coatings Available on NVG optics
- Rugate Rejection Notch (see graph)
- Laser Hardened
- Photopic / Scotopic

### Filter Designs:

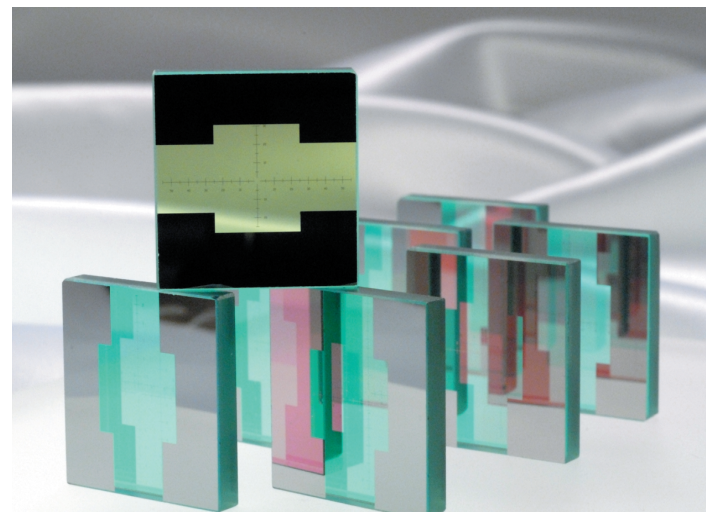
- Long wave pass
- Short wave pass
- Narrowband
- Multi-band
- Arrays

### Coating Types:

- Metalization
- Conductive coating

### User Technologies Supported

- Semi Active Laser (SAL)
- IR Seeker
- LADAR
- 3rd Gen IR
- Dewar Optics
- FLIR
- Heads Up Display



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