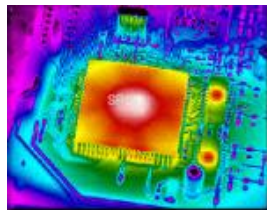


Precision Optical Interference Filters and Coatings- Filter Types and Applications

(from 200nm in the Ultraviolet through 50 microns in the Far Infrared)

REPRESENTATIVE BARR FILTER TYPES

- Bandpass
- Narrow Bandpass
- Ultra-Narrow Bandpass
- Wideband
- Dual-Band
- Multi-Band
- Laser Bandpass
- Excitation, Emission, Dichroic
- Longpass
- Shortpass
- Steep Edge
- Beamsplitters
- AR
- Color Correction
- Rugate Single- and Multi- Notch
- Low-Loss High Reflectors
- Enhanced Metal & Dielectric Mirrors
- UV Filters
- Order-sorting
- Infrared Filters (NIR, SWIR, MWIR, LWIR)
- Patterned Filters
- Filter Arrays
- Multi-Spectral Filter Assemblies
- Linear Variable
- Astronomy Filters
- Hot Mirrors, Cold Mirrors
- ITO-Transmissive & Conductive
- Solderable-Metal Coatings
- Solar Blind Filters



TYPICAL FILTER APPLICATIONS

- Medical/Clinical Analyzers
- Fluorescence-based Instrumentation for Life Sciences
- Imaging
- Raman Spectroscopy
- NDIR Gas Detection
- Optical Fire Detection
- Gas Analyzers
- Thermal Imaging, Night Vision
- Astronomy
- UV, Visible, & IR Detectors
- Process Analyzers
- Machine Vision
- Color Measurement & Calibration
- Food/Beverage Analyzers
- Microscopy
- Metrology
- Lighting
- Semiconductor Processing
- Telecommunications
- Satellite Instruments
- Plasma Physics
- Earth Imaging
- Precision weapons
- Reconnaissance
- Remote Sensing
- Display
- Threat Warning
- Sensor Hardening
- Target Designation
- Telemetry
- Communications - LaserCom
- High Energy Laser
- Laser Rangefinder