

LWIR Transmitting Glass Lens

Our glass has excellent IR transmitting properties. It results in bright and clear infrared images.

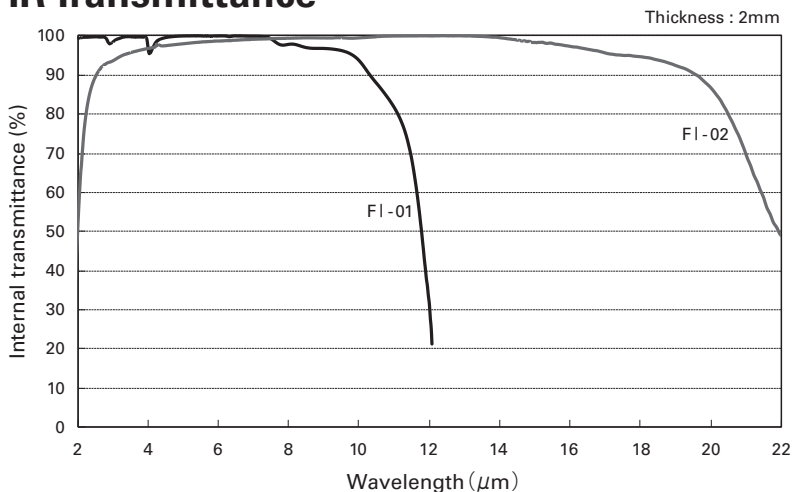
Features

- **FI-01**
 - Good athermal efficiency
 - IR transmittance in LWIR (Wavelengths up to $12\mu\text{m}$ can be transmitted.)
- **FI-02**
 - The world's highest* IR transmittance in LWIR (Wavelengths up to $20\mu\text{m}$ can be transmitted.)
 - High refractive index (3.4 at wavelength $10\mu\text{m}$)
- **FI-01 & FI-02**
 - Available for mold press
 - Environmentally friendly; no hazardous substances included.

*According to an internal investigation as of October 2022



IR Transmittance



Applications

- Security cameras
- Thermography
- Night vision cameras (for automobiles)
- Gas sensors