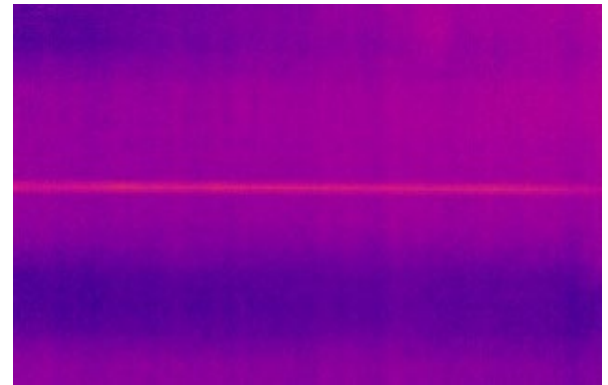
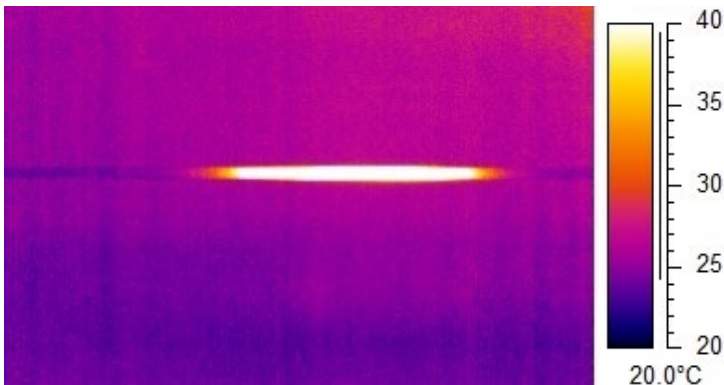
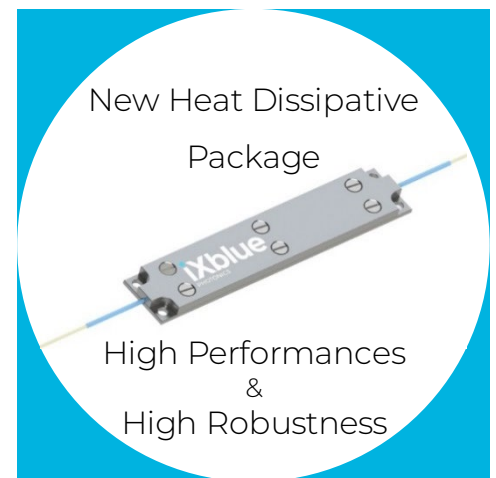




Fiber Bragg Gratings Mirrors for High Power Laser Applications up to 3 kW

Key Features & Benefits

- Higher laser efficiency
- New ixblue process for high power (HP) handling
- Optimized heat dissipative package
- Custom design
- Bandwidth up to 3 nm
- Accurate wavelength matching
- Precision matched passive to active Fiber



Thermal signature of FBG mirrors in still air: standard vs designed FBG-HP mirror

- Thermal slope has been improved by a factor of 10
- More than 1 kW of signal power at 1 μm achievable with new heat dissipative package

