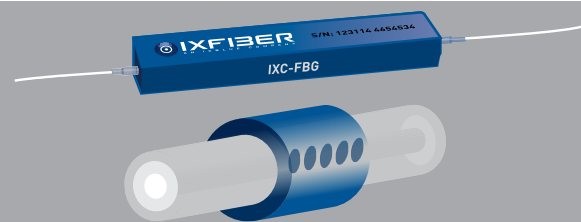




Fiber Bragg Gratings

for other applications



| Application | Sensor | Laser diode stabiliser | Custom | Broadband filter |
|------------------------|---|------------------------|-------------------------------|-------------------------------|
| Reference | IXC-SEN | IXC-LDS | IXC-FBG | IXC-BBF |
| Fiber type | SMF, PM or special | Hi1060, PM980, special | SMF, PM, CMF, other | SM,PM, CMF, Special |
| Center wavelength (nm) | 600 to 2100 | 980 or 1480 nm range | 600 to 2100 | C-Band or L-Band |
| FWHM (nm) | 0.2 to 1 | 0.1 to 3 | 0.05 to > 50 | 2 to 45 |
| Reflectivity (%) | > 50 | 3 to 10 | 1 to 99.9 | > 95 |
| Thermal shift (pm/°C) | bare fiber : 10 (C-Band) | N/A | athermal package : 1 to 2 | athermal package : 1 to 2 |
| Coating/Recoating | bare fiber, acrylate, acrylate low temperature, polyimide | acrylate, hytrel tube | acrylate, athermal, custom | acrylate, athermal, custom |

KEY FEATURES

- Standard or specialty fiber
- Phase mask or Lloyd's mirror interferometric method
- Large range of wavelength
- Standard or custom spectral shape & grating type
- Telcordia qualified

