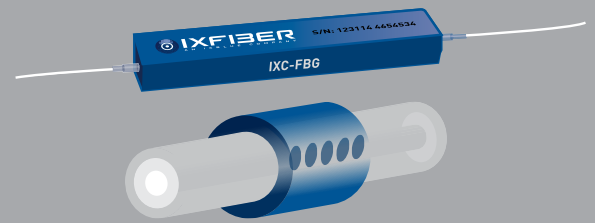


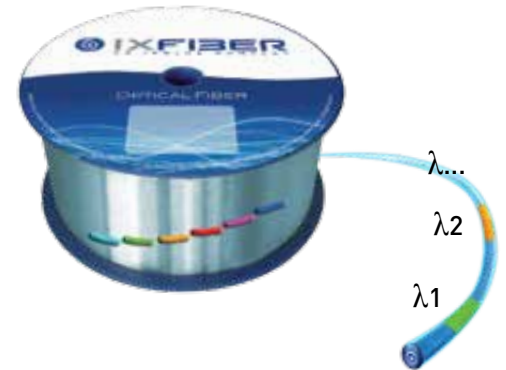


# FBG Sensor Array



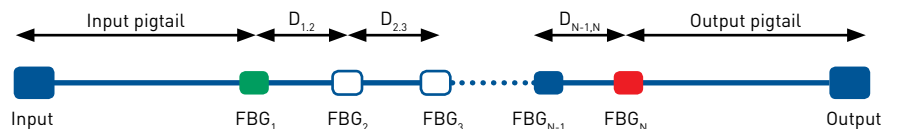
**iXfiber** offers the possibility to have one or multiple FBGs with customized central wavelengths on a single optical fiber without any splices.

Application	Sensor
Reference	IXC-SEN
Fiber Type	SMF, PM, CMF, other
Center wavelength (nm)	600 to 2100
Number of FBGs	1 to 100
FWHM (nm)	0.2 to 1
Reflectivity (%)	10 to > 90
FBG Profile	uniform or apodized
Coating / Recoating	standard acrylate or polyimide



## KEY FEATURES

- Low insertion loss
- FBG array without splice
- Customized FBG array configuration
- Large range of wavelength
- FBGs positioned at discrete points along a continuous fiber
- Available on small cladding diameter fiber or multiple core fiber



**iXfiber** is a UTC/CRC licensee company