

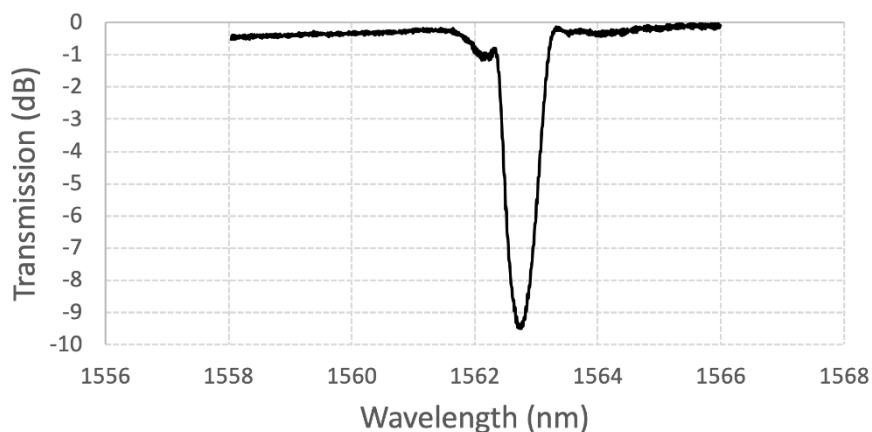
IXC-FBG-RAD

SPECIFICATIONS

Fiber Type ^{1,2}	IXF-RAD-SM-1550-0.14-PI
Wavelength Range ³	C-band
Peak Reflectivity	50 to 90 %
Reflection Bandwidth (FWHM)	0.3 – 1 nm
Grating protection ⁴	Bare fiber
Fiber tail	1 meter, each side of FBG (typical)
Operating temperature range ²	-120 to 400 degC

- (1) Pure silica core SM fiber, mode field diameter @ 1550 nm : 9 μ m
- (2) Standard polyimide coating up to 300°C. Other fiber coating are also available : aluminum for temperature up to 400°C or high temperature acrylate up to 150°C
- (3) Other wavelengths available upon request
- (4) Delivered under vacuumed and sealed packaged; other solutions available

OPTICAL RESPONSE



Femtosecond laser-written FBG in ixblue radiation-resistant fiber