

This fiber possesses the NIR Attenuation of a Low-OH fiber and the UV Attenuation of a High-OH fiber. It is produced with a proprietary process that allows more flexibility to meet smaller quantity requests for a variety of core/clad ratios.

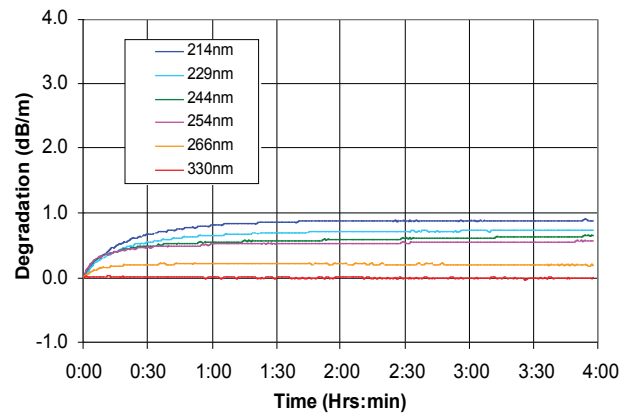
## CHARACTERISTICS

Low loss, broad spectrum fiber, 200-2100nm	Step index	Tight tolerance
NIR transmission comparable to low-OH	Numerical aperture: $0.22 \pm 0.02$	Operating temperature: -65 to +300°C
UV transmission comparable to high-OH	Silica core, doped silica clad	Proof tested to 100kpsi
Low UV solarization	Cost effective	Custom sizes, jackets and assemblies available
	Polyimide concentricity < 3	

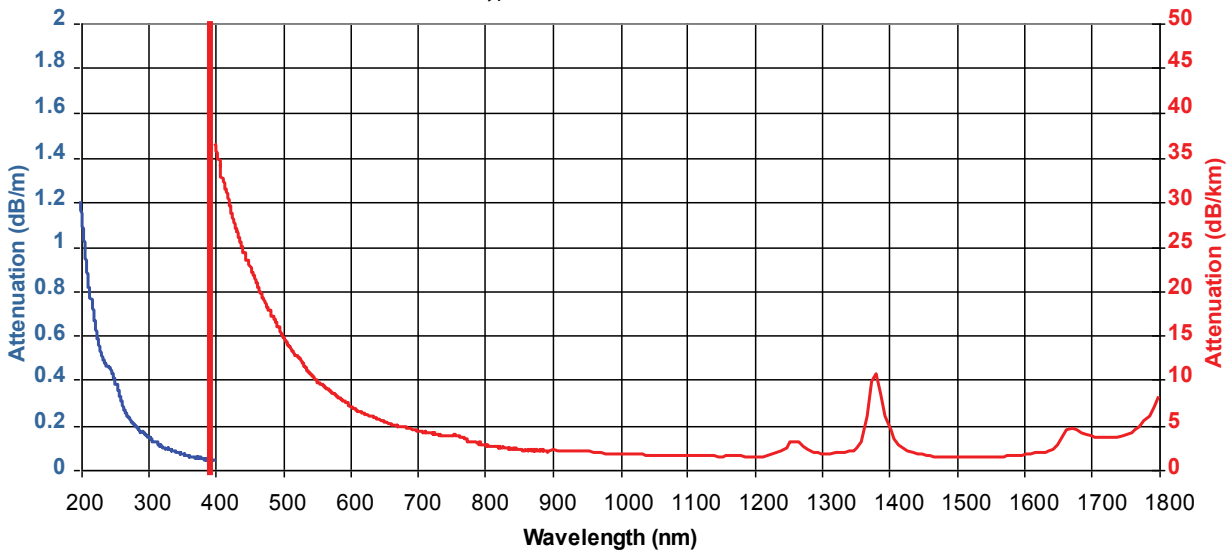
## Specifications

Product Descriptor	Core (μm)	Clad (μm)	Buffer (μm)
FBPI 100120140	100 ± 3	120 ± 3	140 ± 4
FBPI 200220240	200 ± 4	220 ± 4	239 ± 5
FBPI 300330370	300 ± 6	330 ± 7	370 ± 10
FBPI 400440480	400 ± 8	440 ± 9	480 ± 10
FBPI 600660710	600 ± 10	660 ± 10	710 ± 10

Typical UV Solarization Damage



Typical Attenuation



\* The end manufacturer is responsible for bio-compatibility and sterilization testing and validation studies