

FBP: Broad Spectrum Optical Fiber

This fiber is designed to operate over a very broad range of wavelengths. It is produced with a patented process that allows more flexibility to meet smaller quantity requests for a variety of core:clad ratios.

CHARACTERISTICS

Low loss broad spectrum fiber,
275-2100nm

Excellent focal ratio degradation
characteristics

Step index

Numerical aperture: 0.22 ± 0.02

Silica core, doped silica clad

Cost effective

Polyimide concentricity $< 3\mu\text{m}$

**Polymicro
Technologies™
Silica/Silica
Optical Fiber FBP**

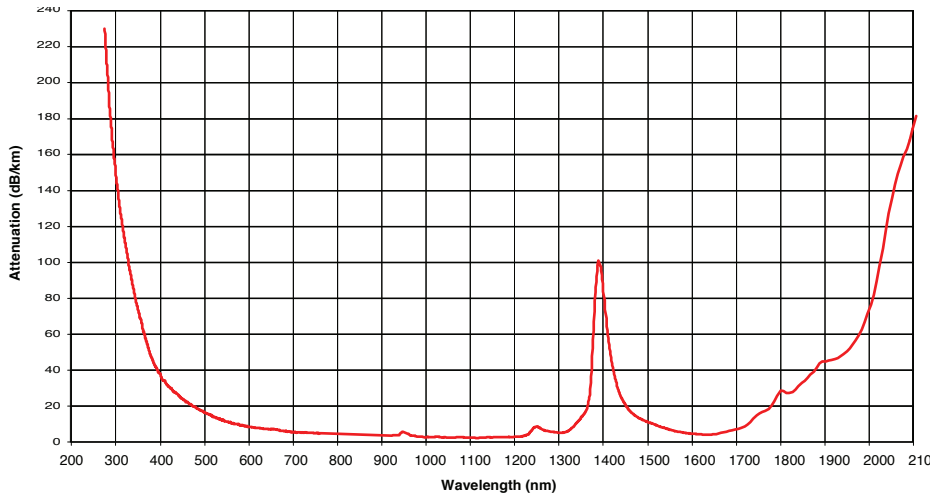
Tight tolerance

Operating temperature:
-65° to +300°C

Proof tested to 100kpsi

Custom sizes, buffers, jackets,
assemblies available

Typical Attenuation



Specifications

Product Descriptor	Core (μm)	Clad (μm)	Buffer (μm)
FBP200220240	200 ± 4	220 ± 4	239 ± 5
FBP300330370	300 ± 6	330 ± 7	370 ± 7
FBP400440480	400 ± 8	440 ± 9	480 ± 7
FBP500550590	500 ± 10	550 ± 10	590 ± 10
FBP600660710	600 ± 10	660 ± 10	710 ± 10
FBP100120140	100 ± 3	120 ± 3	140 ± 4
FBP200240280	200 ± 4	240 ± 4	275 ± 5
FBP320385415	320 ± 8	385 ± 8	415 ± 10
FBP050070085	50 ± 2	70 ± 2	85 ± 3
FBP100140170	100 ± 3	140 ± 3	170 ± 5