

New Tighter Tolerances!

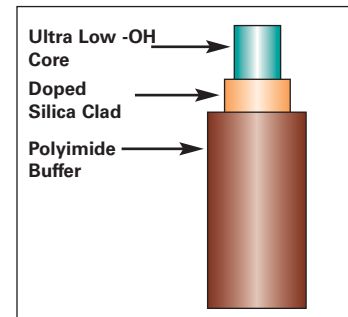
- Ultra Low -OH

Characteristics

- Step Index
- Numerical Aperture: 0.22 ± 0.02
- Full Acceptance Cone: 25.4 degrees
- Vis-NIR Transmission, 380nm to 2,400nm
- Radiation Resistant
- High Laser Damage Threshold
- Sterilizable*
- Bio-compatible Materials – USP Class VI*
- Low -OH Silica Core, Doped Silica Clad
- Polyimide Buffer Standard; Silicone, Acrylate, Fluoropolymer, Aluminum & dual buffers also available
- Polyimide Concentricity ± 3µm
- Sizes for Bundling
- Tighter Tolerances Available
- Temperature: Operating –65°C to +300°C Intermittent, up to 400°C
- Proof Tested to 100kpsi

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

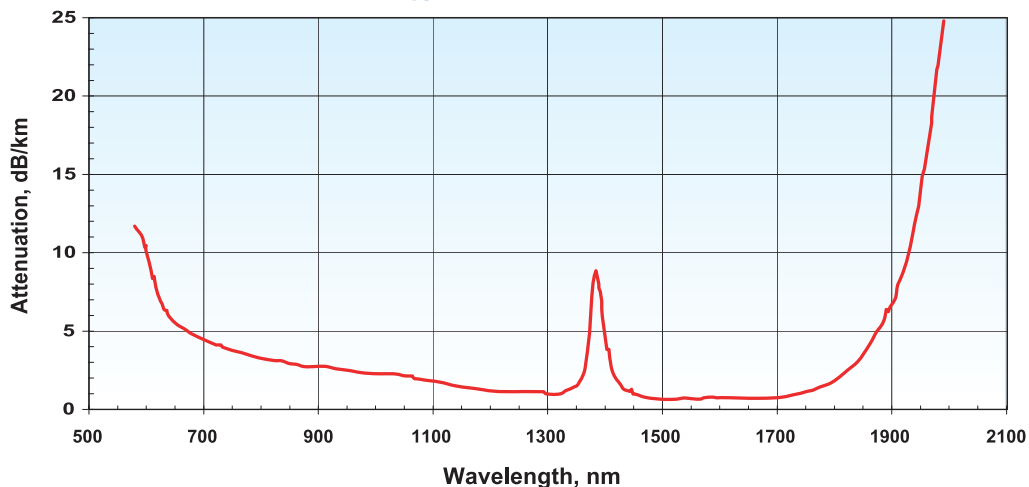
Product Descriptor	Core (µm)	Clad (µm)	Buffer (µm)
FIP100110125*	100 ± 3	110 ± 3	124 ± 3
FIP150165195	150 ± 3	165 ± 3	195 ± 5
FIP200220240	200 ± 4	220 ± 4	239 ± 5
FIP300330370	300 ± 6	330 ± 7	370 ± 10
FIP400440480	400 ± 8	440 ± 9	480 ± 7
FIP500550590	500 ± 10	550 ± 10	590 ± 10
FIP600660710	600 ± 10	660 ± 10	710 ± 10
FIA8008801100**	800 ± 20	880 ± 15	1100 ± 30
FIP100120140	100 ± 3	120 ± 3	140 ± 4
FIP200240280	200 ± 4	240 ± 4	275 ± 5
FIP320385415	320 ± 8	385 ± 8	415 ± 10
FIP050070085	50 ± 2	70 ± 2	85 ± 3
FIP100140170	100 ± 3	140 ± 3	170 ± 5
FIA100011001300**	1000 ± 20	1100 ± 15	1300 ± 40



Note: The items listed in this table are standard configurations and sizes. Other configurations may be available on request. Please let us know what we can do to help satisfy your project requirements.

* Not recommended for wavelengths greater than 1000nm.
 ** Acrylate buffer

Typical Attenuation



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