



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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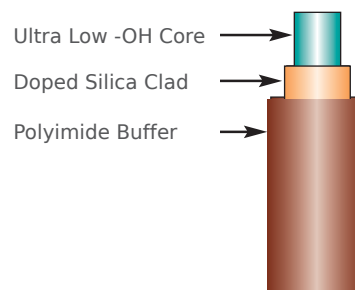
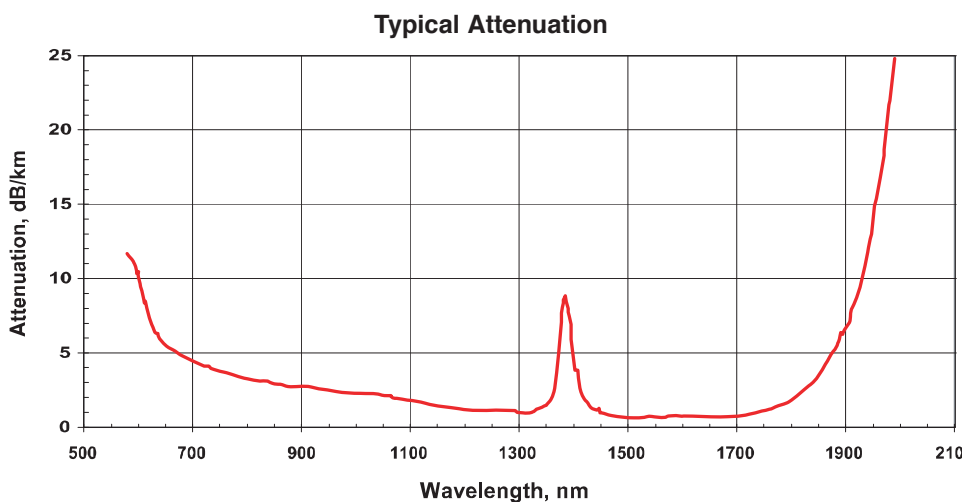
Ultra Low -OH

CHARACTERISTICS

Step index	High laser damage threshold
Numerical aperture: 0.22 ± 0.02	Sterilizable and bio-compatible – USP class VI*
Full acceptance cone: 25.4 degrees	Low-OH silica core, doped silica clad
Vis-NIR transmission, 380nm to 2,200nm	Polyimide buffer standard; silicone, acrylate, high-temperature acrylate also available.
Radiation resistant	

Polymicro Technologies™ Silica/Silica Optical Fiber FI

Polyimide concentricity < 3µm
 Sizes for bundling
 Tighter tolerances available
 Operating temperature:
 –65° 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.

Specifications

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 ± 7
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
FIA100010501250**	1000 ± 20	1050 ± 15	1250 ± 40

Note: The items listed in this table are standard configurations and sizes. Other configurations may be available on request.

* Not recommended for wavelengths greater than 1000nm.

** Acrylate buffer

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