



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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High -OH

CHARACTERISTICS

Step index	Sterilizable and bio-compatible – USP class VI*
Numerical aperture: 0.22 ± 0.02 Full acceptance cone: 25.4 degrees	High -OH silica core, doped silica clad
UV-Vis-NIR transmission, 180nm to 1,150nm	Polyimide buffer standard; silicone, acrylate, high-temperature acrylate also available.
Superior radiation resistance	Polyimide concentricity $< 3\mu\text{m}$
High laser damage threshold	

Polymicro Technologies™ Silica/Silica Optical Fiber FV

Sizes for bundling
Tighter tolerances available
Temperature:
operating -65°C to $+300^{\circ}\text{C}$
intermittent, up to 400°C
Proof tested to 100kpsi

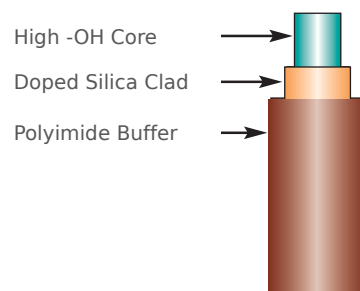
Specifications

Product Descriptor	Core (μm)	Clad (μm)	Buffer (μm)
FVP050055065*	50 ± 2	55 ± 2	65 ± 2
FVP100110125**	100 ± 3	110 ± 3	124 ± 3
FVP150165195	150 ± 3	165 ± 3	195 ± 5
FVP200220240	200 ± 4	220 ± 4	239 ± 5
FVP300330370	300 ± 6	330 ± 7	370 ± 7
FVP400440480	400 ± 8	440 ± 9	480 ± 7
FVP600660710	600 ± 10	660 ± 10	710 ± 10
FVA8008801100***	800 ± 20	880 ± 15	1100 ± 30
FVP100120140	100 ± 3	120 ± 3	140 ± 4
FVP200240280	200 ± 4	240 ± 4	275 ± 5
FVP320385415	320 ± 8	385 ± 8	415 ± 10
FVA100010501250***	1000 ± 20	1050 ± 15	1250 ± 40

* Recommended for UV wavelengths only. Availability varies.

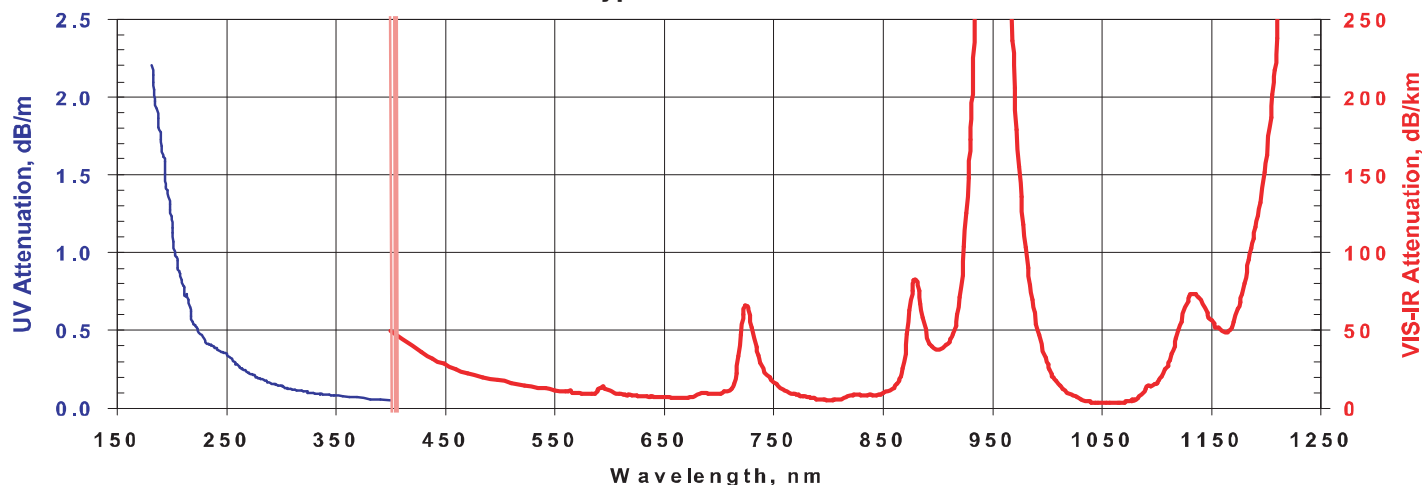
** Not recommended for wavelengths greater than 1000nm.

*** Acrylate buffer



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

Typical Attenuation



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