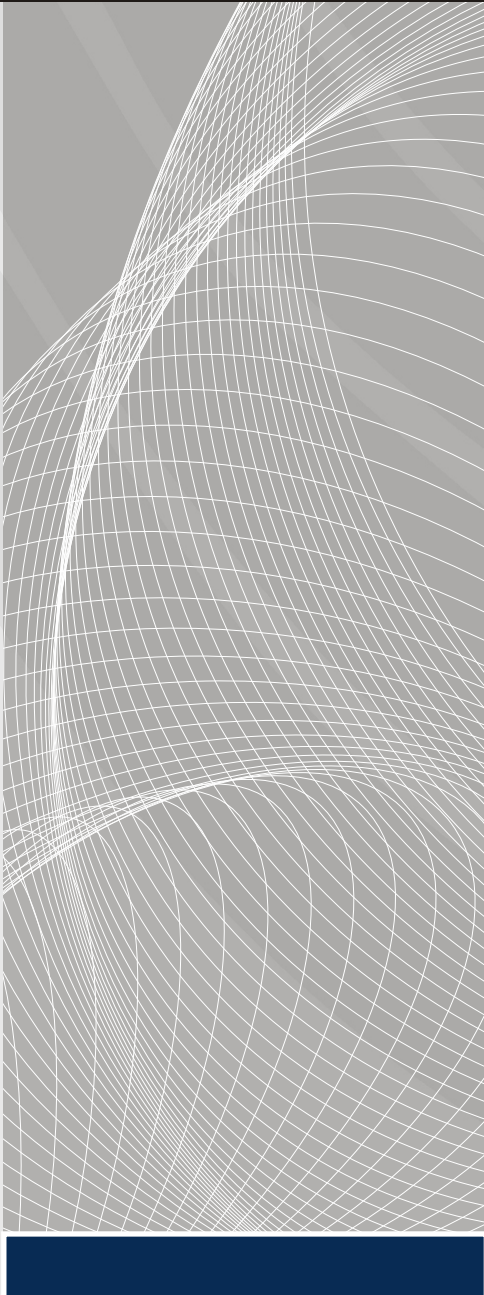


## 80 $\mu$ m High NA Optical Fiber

Specialty Fibers



### FEATURES

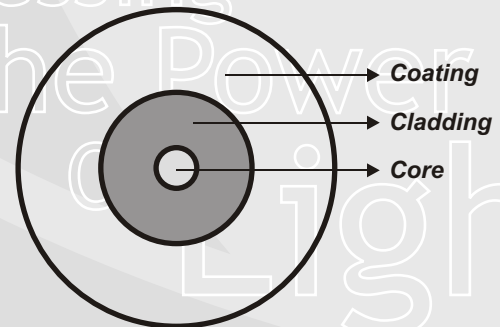
**Various Numerical Aperture**

**Reduce bending loss for smaller dia.**

**Low Splice loss with other SMF**

**Dual UV - cured acrylate or Polyamide coating**

**Superior Core/cladding offset**



## 80µm High NA Optical Fiber

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Description	Specifications		
	Type A	Type 2	Type 3
<b>Optical Properties</b>			
Operating wavelength	1310nm	1480-1625nm	1500nm
Cut off wavelength	<1250nm	1420-1500nm	<1500nm
Mode Field Diameter	6.7+/-0.5um	7.9+/-0.5um	4.5+/-0.5um
Numerical Aperture	0.16	0.16	0.32
Attenuation	<1.0dB/km	<1.0dB/km	<1.5dB/km
<b>Geometrical Properties</b>			
Cladding Diameter	80+/-1.0um		
Core to clad concentricity error	<1.0um		
Coating Diameter	157+/-10um		
<b>Mechanical Properties</b>			
Minimum diameter	12mm		
Proof test level	100kpsi or 200kpsi		
Splice loss with SMF	<0.1 dB		

Also available:  
 High Temperature acrylate coating temp. up to 200°C  
 Dual layer-polyamide coating for temp. up to 400°C

Harnessing  
The Power  
Of Light

For ordering information please visit [www.fiberlogix.com](http://www.fiberlogix.com)

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