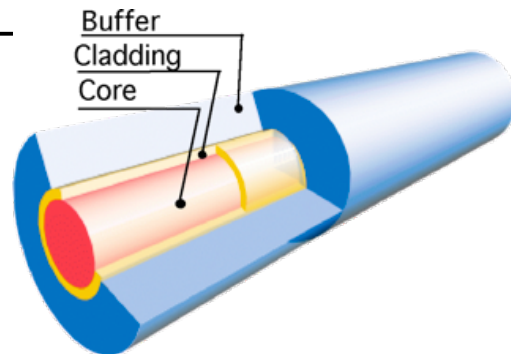


## H-PCF Fiber

 Type **HG**

### General Attributes

- 200/225 **Semi-Graded Index**
- Silica Core, Ge-Doped / Polymer Clad / ETFE Buffer
- 0.40 NA
- 50 MHz-km bandwidth (@850 nm)



### Specifications

#### Dimensions/Geometric Properties

Core Diameter	200 ± 5 μm
Clad Diameter	225 ± 5 μm
Buffer Diameter	500 ± 50 μm
Core/Clad Offset	≤ 6 μm

#### Buffer/Coating Descriptions

Core	Silica Glass Ge-doped
Clad	Fluoroacrylate
Buffer	ETFE

#### Optical Properties

Numerical Aperture	0.40
Attenuation @850 nm	≤6dB/km
Bandwidth @ 850 nm	50 MHz-km
Water Content	Low OH-

#### Mechanical Information

Short-Term Bend Radius	≥10 mm
Long-Term Bend Radius	≥16 mm
Proof Test Level	≥80 kpsi
Operating Temperature	-20 to 70°C
Storage Temperature	-40 to 70°C

### Applications

IEEE- 1394  
 LAN / Data links @ 650,810,820 and 850 nm  
 Free Space (Passive) Optical Systems

### Other available 200 μm products

<b>HC</b>	200/230	0.40 NA	Step Index
<b>HR</b>	200/230	0.37 NA	Step Index
<b>HS</b>	200/250	0.46 NA	Step Index
<b>HT</b>	200/250	0.46 NA	Semi-graded Index

**Berkshire Photonics, LLC**

88 Bee Brook Road P.O. Box 595 Washington Depot, CT 06794  
 Phone: (860)-868-0412 Fax: (860)-868-0492 E-mail: [info@berkshirephotonics.com](mailto:info@berkshirephotonics.com)  
[www.berkshirephotonics.com](http://www.berkshirephotonics.com)