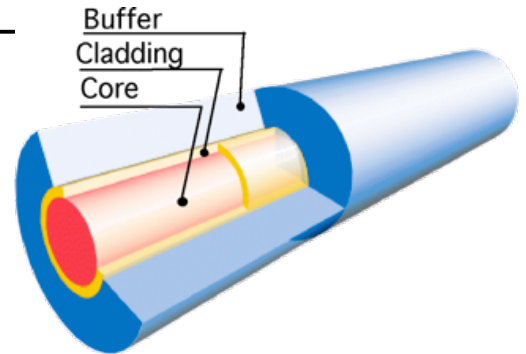


H-PCF Fiber

 Type **HC**

General Attributes

- 200/230 Step Index
- Silica Core / Polymer Clad / ETFE Buffer
- 0.40 NA



Specifications

Dimensions/Geometric Properties

Core Diameter	200 ± 5 μm
Clad Diameter	230 +0/-10 μm
Buffer Diameter	500 ± 50 μm
Core/Clad Offset	≤ 6 μm

Buffer/Coating Descriptions

Core	Silica Glass
Clad	Fluoroacrylate
Buffer	ETFE

Optical Properties

Numerical Aperture	0.40
Attenuation @810 nm	≤7dB/km
Bandwidth @ 850 nm	14 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 125°C
Storage Temperature	-40 to 125°C

Applications

Industrial data communications
 LAN / Data links @ 650,810,820 and 850 nm
 F-O Sensing
 Laser Power Delivery

Other available 200 μm products

HG 200/230 0.40 NA Semi-graded Index
HR 200/230 0.37 NA Step Index
HS 200/250 0.46 NA Step Index
HT 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
www.berkshirephotonics.com