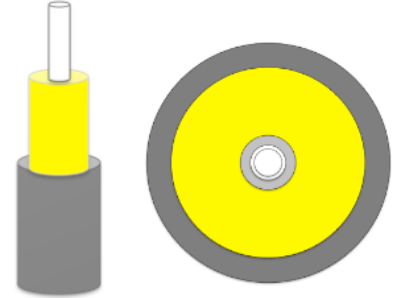


H-PCF Optical Fiber System Cable

Type CCV-C

General Attributes

- 200/230 0.40 NA fiber (type HC)
- Simplex Construction
- Indoor
- 2.2 mm PVC Jacket
- With strength member



Specifications

Fiber Properties

Fiber Type	HC 200/230/500 μm
Construction	Silica / Fluoropolymer / ETFE
Index Profile	Step Index
NA	0.40 NA

Cable Properties

Strength Member	Aramid
Outer Jacketing	PVC
Diameter	2.2 mm \pm 0.2mm
Thickness	0.4 mm (nom.)
Weight	4kg/km (nom.)
Color	Black

Optical Properties

Attenuation @810 nm	$\leq 7\text{dB/km}$
Attenuation @ 655nm	$\leq 15\text{ dB/km}$
Bandwidth @ 810 nm	14 MHz-km

Mechanical Information

Short-Term Bend Radius	$\geq 15\text{ mm}$
Long-Term Bend Radius	$\geq 50\text{ mm}$
Maximum Tensile Load	147 N
Operating Temperature	-20 to 70 $^{\circ}\text{C}$
Storage Temperature	-40 to 70 $^{\circ}\text{C}$

Applications

LAN / Data links @ 650,810,820 and 850 nm
 Large core data transmission

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