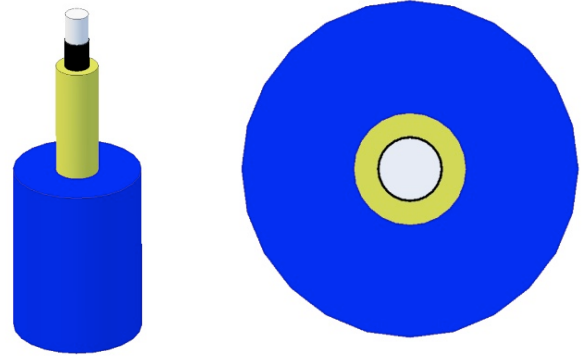


H-PCF Optical Fiber System Cable

 Type **CEV-HB-40/08**

General Attributes

- 400/430 HB Fiber
- Simplex Construction- Indoor
- Without Strength Member



Specifications

Fiber Properties

Fiber Type	HB (400/430/730 μm)
Construction	Silica/Fluoropolymer/ETFE
Core Diameter	400 \pm 8 μm
Clad Diameter	430 +5/-10 μm
Buffer Diameter	730 \pm 30 μm
Core/Clad Offset	\leq 8 μm

Cable Properties

Strength Member	N/A
Outer Jacketing	PVC Riser Rated Material
Diameter	2.2mm \pm 0.2mm
Thickness	0.4mm (nom.)
Weight	5.7kg/km
Color	Blue

Optical Properties

Attenuation @850 nm	\leq 8dB/km
Bandwidth @ 810 nm	14.5 MHz-km
Index Profile	Step Index
Numerical Aperture	0.46

Mechanical Information

Short-Term Bend Radius	\geq 25 mm
Long-Term Bend Radius	\geq 47 mm
Maximum Tensile Load	86 N
Operating Temperature	-20 to 75°C
Storage Temperature	-40 to 80°C

Applications

LAN/ Data Links @650 and 850nm
 Large Core Data Transmission
 Glass/POF Replacement Links
 Fiber Optic Sensing Applications

Other Available Cables

C-LAP
 FOD-V
 CEV-HB-40/08

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