

H-PCF Optical Fiber System Cable

Type IB-V

General Attributes

- 200/230 0.40 NA fiber (type HG)
- High Bandwidth Semi-Graded Index Fiber
- Distribution Style, Indoor Design
- 4.9mm Jacket
- With Aramid Strength Member



Specifications

Fiber Properties

Fiber Type	HG 200/230/500 μ m
Construction	Silica / Fluoropolymer / ETFE
Index Profile	Semi-Graded
NA	0.40 NA

Cable Properties

Strength Member	Aramid
Outer Jacketing	PVC
Cable Diameter	4.9 mm \pm 0.2mm
Thickness	0.85 mm (nom.)
Weight	20 kg/km (nom.)
Outer Jacket Color	Blue

Optical Properties

Attenuation @850 nm	\leq 6dB/km
Bandwidth @ 850nm	100 MHz-km

Mechanical Information

Short-Term Bend Radius	\geq 15 mm
Long-Term Bend Radius	\geq 25 mm
Maximum Tensile Load	490 N
Operating Temperature	-20 to 70 $^{\circ}$ C
Storage Temperature	-40 to 70 $^{\circ}$ C

Applications

LAN / Data Links @ 650nm, 810nm, 820nm, and 850nm
Higher Speed Data Transmission
IEEE-1394

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