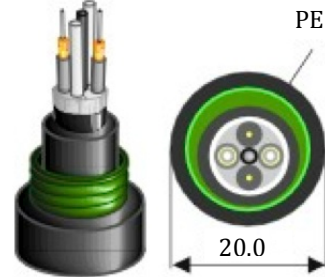


## H-PCF Optical Fiber System Cable

## Type C-LAP-MAZE

### General Attributes

- 200/230 0.40 NA fiber (type HC)
- For underground use
- Round Construction
- PE Final outer Jacket
- With Aramid strength member and/or fillers



### Specifications

#### Fiber Properties

Fiber Type	HC 200/230/500 $\mu\text{m}$
Construction	Silica / Fluoropolymer / ETFE
Index Profile	Step Index
NA	0.40 NA

#### Optical Properties

Attenuation @850 nm	$\leq 7\text{dB/km}$
Attenuation @ 655nm	$\leq 15\text{ dB/km}$
Bandwidth @ 810 nm	14 MHz-km

#### Cable Properties

Strength Member	Central, plastic coated steel wire
Outer Jacketing	PE
Filler Member	2.2 mm Plastic
Sub Unit Diameter	2.2 mm $\pm$ 0.2mm
Cable Diameter	20.0 mm $\pm$ 1.0 mm
Thickness	1.5 mm (nom.)

#### Mechanical Information

Short-Term Bend Radius	$\geq 50\text{ mm}$
Long-Term Bend Radius	$\geq 50\text{ mm}$
Maximum Tensile Load	735 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  
 Rugged indoor environments

#### Design Notes

6 Fiber counts available (2 channel shown)  
 Copper / Fiber Hybrid designs available  
 Dimensions may be larger in some designs

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