

**Low-OH Core  
Hard Cladding  
High NA**

**Polymicro  
SILICA/HARD  
POLYMER CLAD  
Optical Fiber JTFLH**

## CHARACTERISTICS

Step index

Sterilizable and bio-compatible –  
USP class VI\*

Operating temperature:  
–65 to +140°C

Numerical aperture:  $0.37 \pm 0.02$

Standard buffer: Tefzel®

0.48NA available with Tefzel®

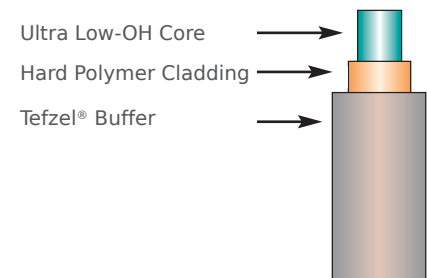
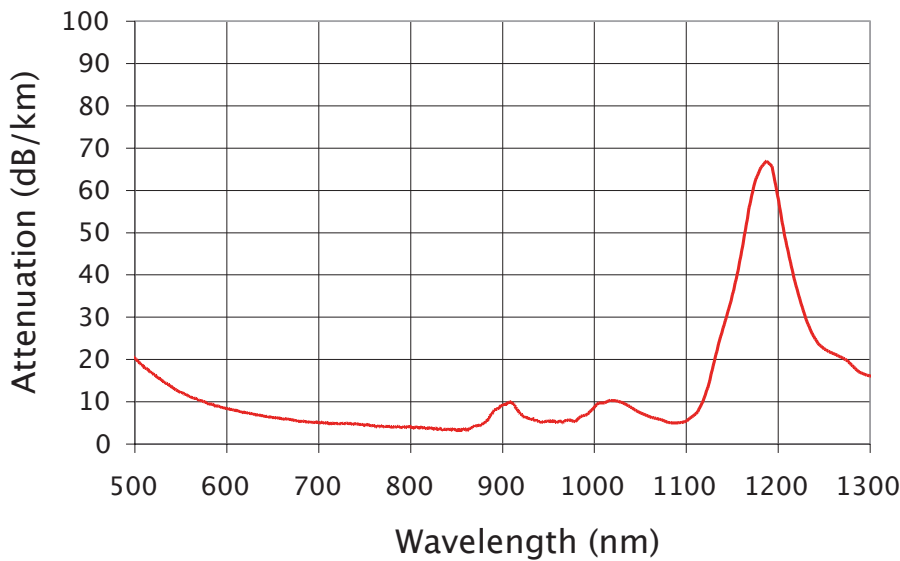
Low-OH core, PolyClad® hard  
polymer clad

Custom buffer: Acrylate, Nylon, Hytrel®

High-OH and custom sizes available

Low-OH core for Vis-NIR transmission

**Typical Attenuation**



\* The end manufacturer is responsible for bio-compatibility and sterilization testing and validation studies. Tefzel® and Hytrel® are registered trademarks of DuPont Corporation.

## Specifications

### JTFLH – TEFZEL® BUFFER

Product Descriptor	Core (μm)	Clad (μm)	Buffer (μm)	Short-term Bend Radius (mm)	Long-term Bend Radius (mm)
JTFLH200230500	200 ± 4	230 +0/-10	500 ± 30	20	25
JTFLH300330650	300 ± 6	330 +5/-10	650 ± 30	30	35
JTFLH400430730	400 ± 8	430 +5/-10	730 ± 30	40	50
JTFLH6006301040	600 ± 10	630 +5/-10	1040 ± 30	50	75
JTFLH8008301040	800 ± 10	830 ± 10	1040 ± 30	75	100
JTFLH100010351400	1000 ± 15	1035 ± 15	1400 ± 50	90	120
JTFLH150015352000 (.37 NA)	1500 ± 15	1535 ± 15	2000 ± 50		
JTFLH200230500 (.48 NA)	200 ± 4	230 +0/-10	500 ± 30		
JTFLH300330650 (.48 NA)	300 ± 6	330 +5/-10	650 ± 30		
JTFLH400430730 (.48 NA)	400 ± 8	430 +5/-10	730 ± 30		
JTFLH6006301040 (.48 NA)	600 ± 10	630 +5/-10	1040 ± 30		
JTFLH8008301040 (.48 NA)	800 ± 10	830 ± 10	1040 ± 30		
JTFLH100010351400 (.48 NA)	1000 ± 15	1035 ± 15	1400 ± 50		
JTFLH150015352000 (.48 NA)	1500 ± 15	1535 ± 15	2000 ± 50		

**Note:** The items listed in this table are standard configurations and sizes. Other configurations may be available on request.

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