

## Ultra Low -OH Dual Cladding

### CHARACTERISTICS

Step index

Numerical aperture:  $0.22 \pm 0.02$

Full acceptance cone: 25.4 degrees

Vis-NIR transmission,  
380nm to 2,200nm

Radiation resistant

High laser damage threshold

Sterilizable and bio-compatible –  
USP Class VI\*

Low-OH silica core, doped silica clad

Proof tested to 100kpsi

Hard polymer secondary cladding

Standard buffer: blue Tefzel®, and  
other color available

## Polymicro SILICA/SILICA Optical Fiber JTFIH

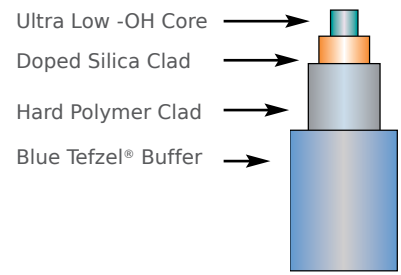
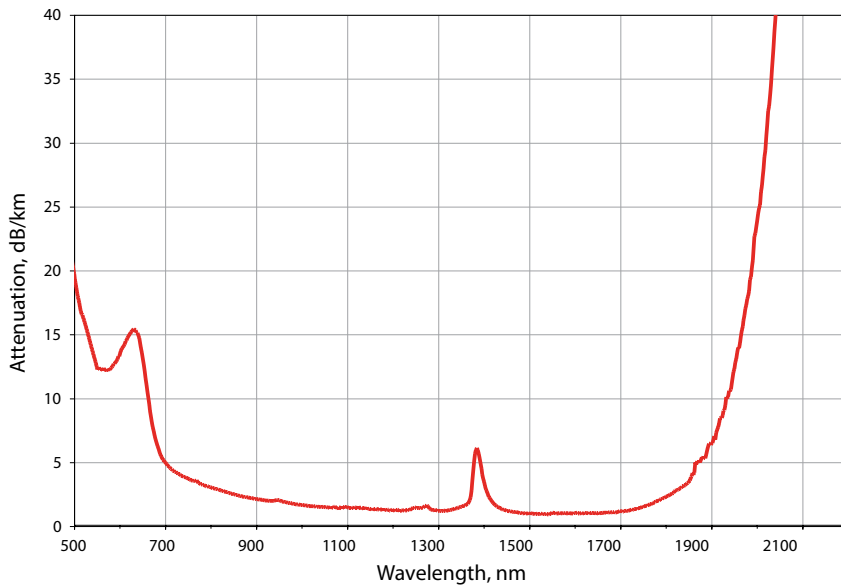
Custom buffer: acrylate, nylon,  
or Hytel®

Operating temperature:  
-65°C to +125°C

High-OH and custom sizes available

Proof tested to 100kpsi

Typical Attenuation



\*The end manufacturer is responsible for bio-compatibility and sterilization testing and validation studies.

## Specifications

### JTFIH – BLUE TEFZEL® BUFFER

Product Descriptor	Core (μm)	Primary Clad (μm)	Secondary Clad (μm)	Buffer (μm)
JTFIH272326356460	272 ± 10	326 ± 10	356 ± 8	460 ± 30
JTFIH365400430730	365 ± 10	400 ± 8	425 ± 8	730 ± 30
JTFIH550600630750	550 ± 12	600 ± 10	630 ± 10	750 ± 30
JTFIH940100010351400	940+20/-5	1000 ± 15	1035 ± 15	1400 ± 50

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