

Low -OH Core Hard Cladding High NA

CHARACTERISTICS

Step index

Numerical aperture: 0.37 ± 0.02

Full acceptance cone: 43.4 degrees

Low-OH core, PolyClad® hard
polymer clad

Low-OH core for Vis-NIR transmission

Sterilizable and bio-compatible –
USP class VI*

Standard buffer: Tefzel®

Custom buffer: acrylate, nylon, Hytrel®

Polymicro SILICA/HARD POLYMER CLAD Optical Fiber JTFLH

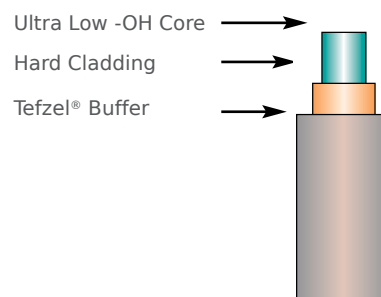
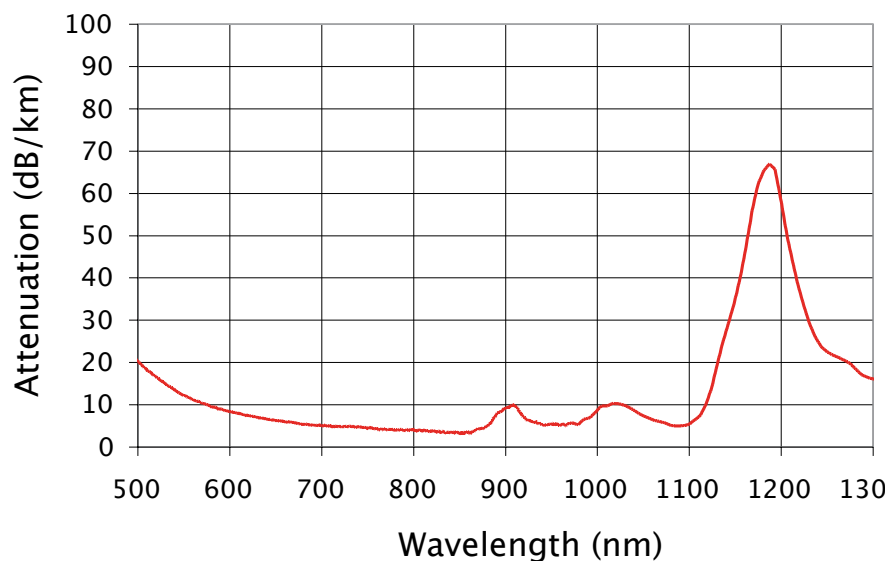
Operating temperature:

–65°C to +125°C

0.48NA available with green efzel

High-OH silica core available

Typical Attenuation



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

JTFIH – BLUE TEFZEL® BUFFER

Product Descriptor	Core (µm)	Clad (µm)	Buffer (µm)	Proof Test (kpsi)
JTFLH200230500	200 ± 4	230 +0/-10	500 ± 30	150
JTFLH300330650	300 ± 6	330 +5/-10	650 ± 30	150
JTFLH400430730	400 ± 8	430 +5/-10	730 ± 30	100
JTFLH6006301040	600 ± 10	630 +5/-10	1040 ± 30	100
JTFLH8008301040	800 ± 10	830 ± 10	1040 ± 30	100
JTFLH100010351400	1000 ± 15	1035 ± 15	1400 ± 50	100

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