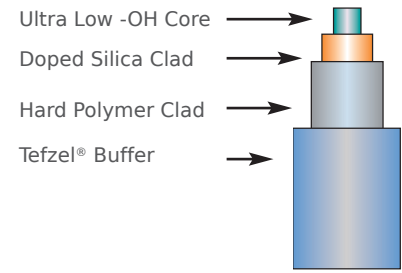
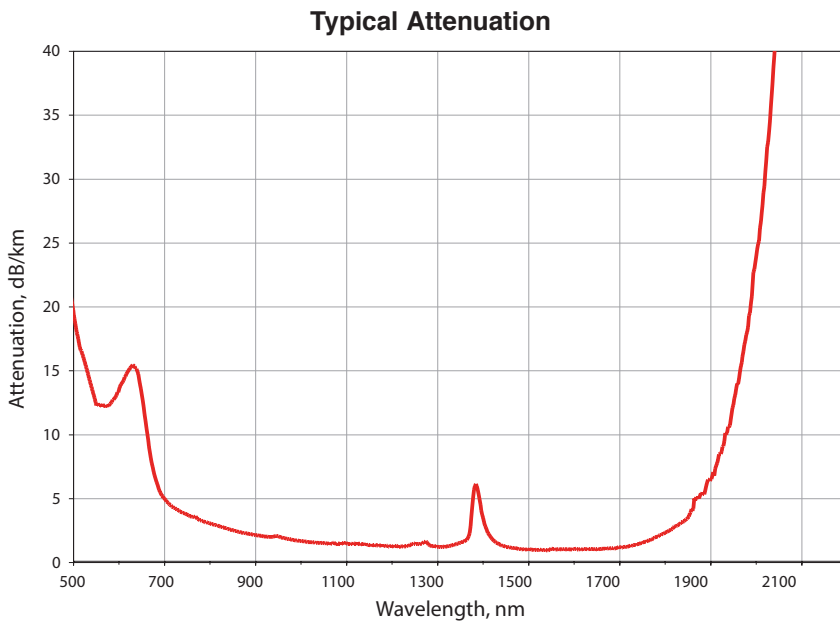


Ultra Low -OH Dual Cladding

CHARACTERISTICS

Step index	Sterilizable and bio-compatible – USP Class VI*	Custom buffer: Acrylate, Nylon, or Hytrel®
Numerical aperture: 0.22 ± 0.02	Low-OH silica core, doped silica clad	Operating temperature: -65 to +140°C
Vis-NIR transmission, 380nm to 2,200nm	Hard polymer secondary cladding	High-OH and custom sizes available
High laser damage threshold	Standard buffer: Tefzel®	

Polymicro SILICA/SILICA Optical Fiber JTFIH



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

Specifications

JTFIH – BLUE TEZFEL® BUFFER

Product Descriptor	Core (µm)	Primary Clad (µm)	Secondary Clad (µm)	Buffer (µm)	Short-term Bend Radius (mm)	Long-term Bend Radius (mm)	Proof Test (Kpsi)
JTFIH272326356460	272 ± 10	326 ± 10	356 ± 8	460 ± 30	30	40	100
JTFIH365400430730	365 ± 10	400 ± 8	430 + 3/-13	730 ± 30	40	50	100
JTFIH550600630750	550 ± 12	600 ± 10	630 ± 10	750 ± 30	50	75	100
JTFIH940100010351400	940+20/-5	1000 ± 15	1035 ± 15	1400 ± 50	100	125	100

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

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