



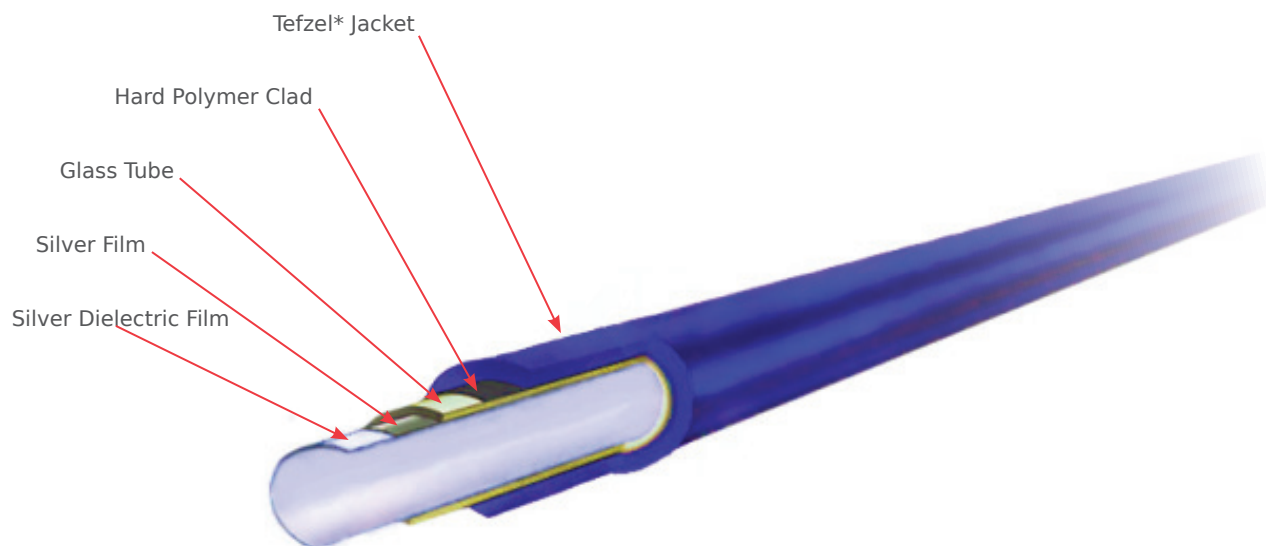
Providing a safer and easier-to-use laser solution, industry-leading Polymicro Technologies™ MediSpec™ Hollow Silica Waveguide With Aiming Beam Technology integrates delivery of power and beam alignment in a single light-weight fiber

Features and Benefits

Dual transmission of laser power delivery and visible aiming beam in a single optical fiber	Reduces cable bulk over typical two-fiber solutions. Decreases chance for laser burns due to lack of precision
Hollow Silica Waveguide (HSW) optimized for mid-infrared (IR) wavelengths	Results in lighter, improved ergonomics for applications using CO ₂ and Er:YAG lasers
500µm, 750µm and 1000µm inner diameters (ID)	Allows for a wide range of laser-power solutions
Tefzel* biocompatible jacket material	Withstands EtO sterilization for invasive medical procedures
Terminations upon request, using SMA, ST and FC connectors	Provides flexibility with multiple connector interface options
FDA-registered facility	Meets labeling, packaging and sterilization requirements

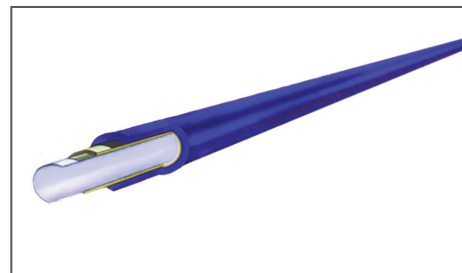
Applications

Medical/Lasers
– Surgery
– Therapeutic



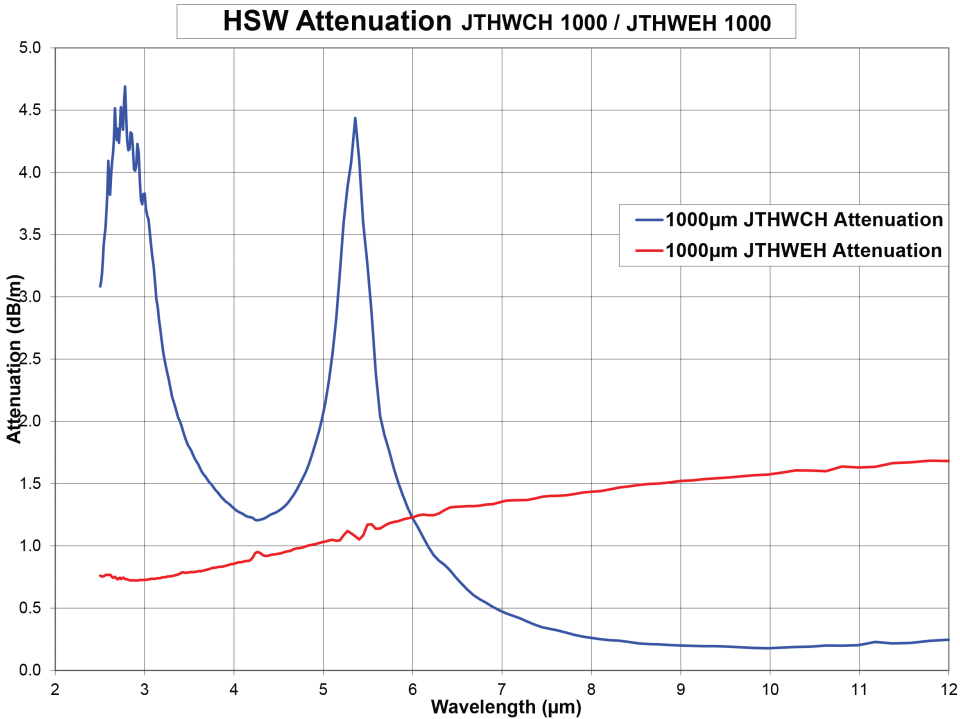
Polymicro Technologies™ MediSpec™ Hollow Silica Waveguide With Aiming Beam Technology

Custom Single Optical Fiber for CO₂ and Er:YAG Lasers



Polymicro Technologies™ MediSpec™ Hollow Silica Waveguide With Aiming Beam Technology

*Tefzel is a trademark of E. I. Du Pont de Nemours and Company



Ordering Information

Custom	Description
Contact Molex	Polymicro Technologies™ MediSpec™ Hollow Waveguide With Aiming Beam Technology