



FiberTech *Optica*

CORPORATE CAPABILITIES

FiberTech Optica Inc.

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Main e-mail:

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Sales & Inquiries e-mail:

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www.fibertech-optica.com

Year Founded: 2000

COMPANY DESCRIPTION

FiberTech *Optica* is a fully integrated manufacturer of multimode step-index optical fibers and fiber optic assemblies. We supply fused silica fibers with the guaranteed lowest OH content for near infrared (NIR) applications. We also supply UV-grade fused silica fibers as well as plastic clad silica (PCS) and hard clad silica (HCS) fibers. Many choices of numerical apertures, core to clad ratios and coatings are available to match your particular application. Core diameter can vary from 50 to 2000 microns.

We incorporate our high performance multimode fibers into superior quality custom fiber optic assemblies such as patchcords, bundles and probes (reflectance, immersion). We specialize in long cables and bundles for industrial process control and remote sensing in harsh environments. OEM components can be fabricated to customer specifications.

Assemblies can be toughened using various sheathing materials selected to best fit operating conditions and environmental constraints.

Contact us to discuss your application with a company for whom multimode optical fiber is the primary activity, not only a spectroscopy accessory. Our team of experts will spend the time necessary to fully understand your application and suggest the best solution. Whether you are at the concept development or volume production stage of your product's evolution, we will help you.

CHIEF ANALYTICAL TECHNIQUES SUPPORTED

- UV/VIS/NIR spectroscopy
- Raman spectroscopy
- Remote chemical sensing
- Multimode step-index silica/silica, PCS and HCS fibers;
- Standard and custom assemblies (bundles, probes);

MARKETS SERVED

Our optical fibers and assemblies are used mainly in research and industrial analytical instrumentation applications:

- Industrial QC and process control
- Remote sensing
- Environmental monitoring
- Illumination

Some industries where FiberTech *Optica* is involved:

- Medical and Pharmaceutical
- Petrochemical
- Food processing
- Pulp & Paper
- Military
- Aerospace

MAJOR PRODUCTS

- Multimode fused silica UV and NIR optical fibers;
- Low-solarizing fiber for deep-UV applications;
- Plastic Clad Silica (PCS) and Hard Clad Silica (HCS) fibers;
- Fiber optic assemblies and bundles;
- Industrial grade, large length (up to 300m) armoured cables;
- Fused silica Tapers
- Fused silica fiber rods
- High strength fused silica capillaries for high temperature and harsh chemicals;

CUSTOMER SUPPORT

FiberTech *Optica* supports its customers through:

- Application technical assistance;
- Installation and maintenance training;
- Repair and refurbishment service;
- Design and development services;

CONTACT INFO

Jeff Dupuis

Sales & Marketing Manager

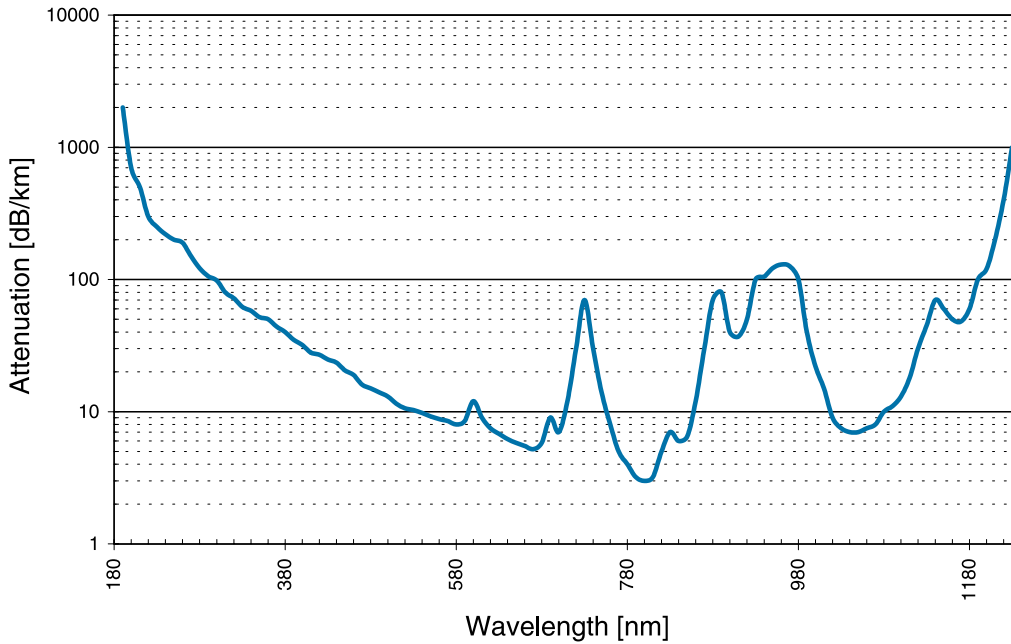
Phone: **514. 352. 6666**

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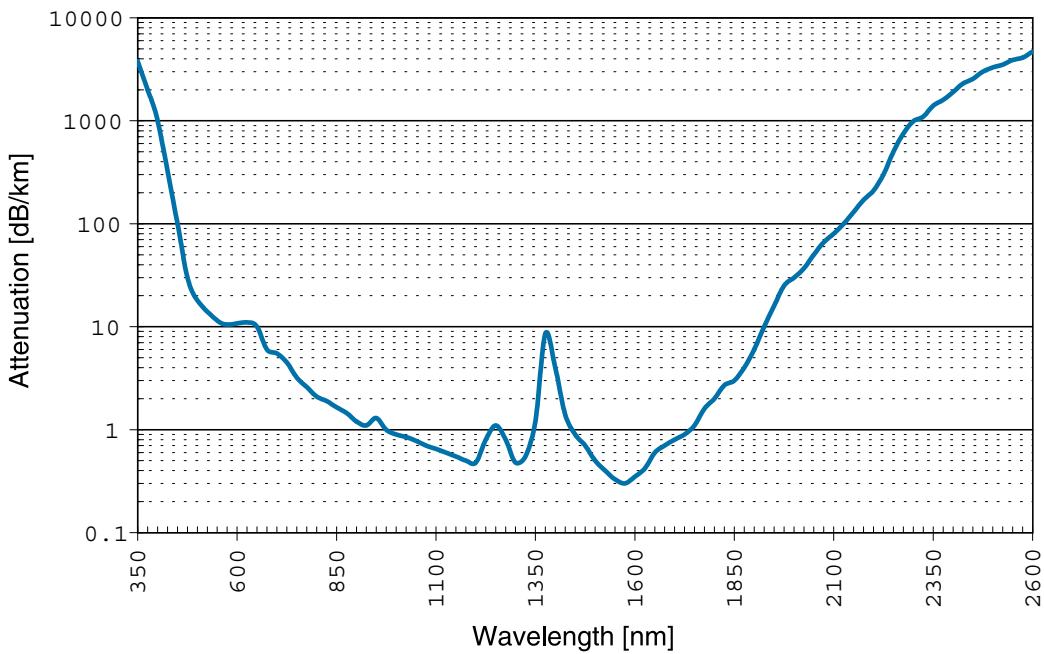
E-mail: **jeffdup@attglobal.net**



Spectral Attenuation, UV/VIS Fiber



Spectral Attenuation, VIS-NIR Low OH Fiber





FiberTech *Optica*



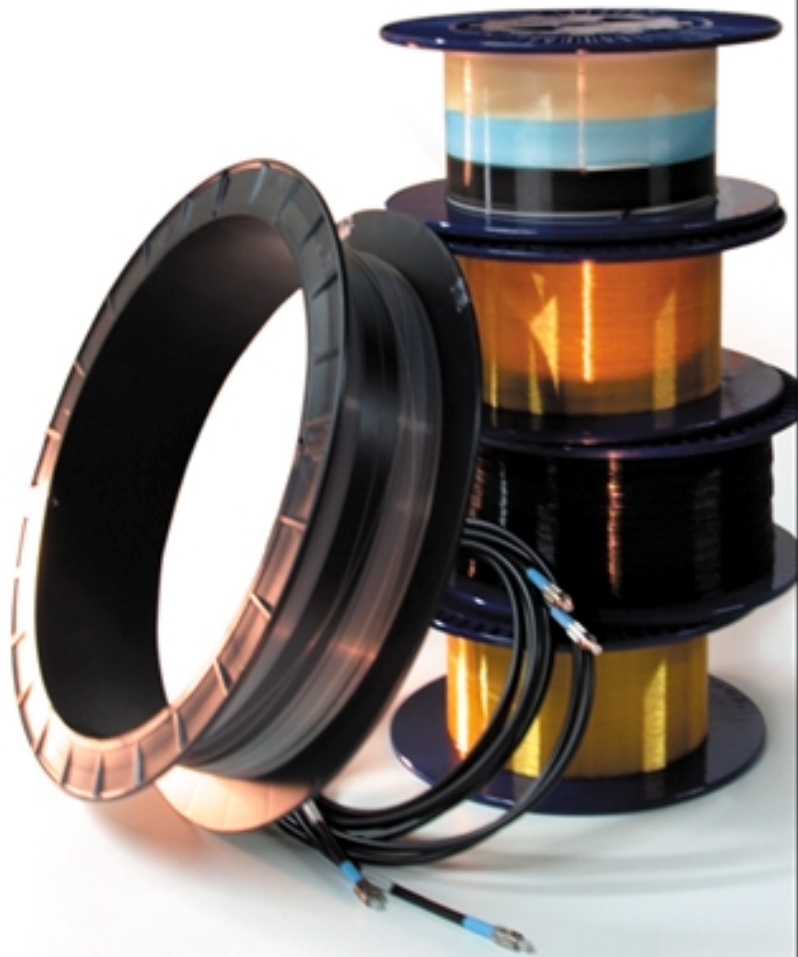
**Swap the fiber,
get up to 4 times the signal!**
Guaranteed lowest OH content VIS/NIR fiber.

MULTIMODE FIBERS

- silica-silica, PCS & HPCS
- ultra low OH content
- UV/VIS, non-solarizing also available
- custom coated for industrial applications

ASSEMBLIES

- patchcords & bundles
- reflectance/transmission probes
- custom configurations
- prototype/production quantities
- long lengths for large installations available
- industrial grade



HEAD OFFICE
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