

Silica/Silica Fibers

Single-Use and Reusable



SURGICAL FIBERS

Affordable Quality

No need to sacrifice quality for price. LP's total commitment to value brings you dependable fiber delivery systems with improved visibility at an affordable price.

Laser Compatibility

Every fiber is terminated with an SMA-905 connector specifically designed to work with a wide variety of surgical systems on the market.

Multi-Wavelength Fiber

Each fiber is designed and FDA-cleared to accept and transmit a wide range of wavelengths, providing both convenience and cost savings.

Scope/Handpiece Compatibility

Fibers are compatible with both flexible and rigid endoscopes, as well as reusable handpieces.

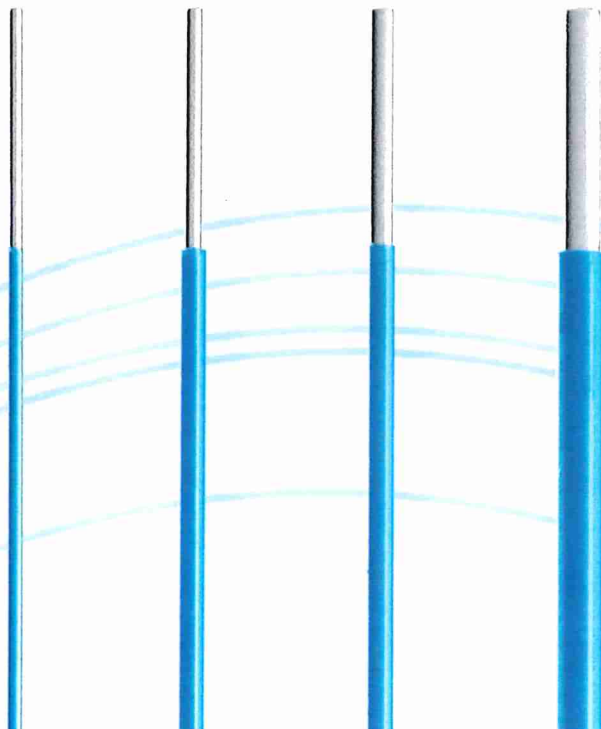
Reusable Fibers

To provide significant cost savings, all reusable fibers are manufactured and packaged sterile with a highly visible abrasion-resistant jacket designed to protect the fiber during reprocessing and reuse.*

Single-Use Fibers

Fibers are packaged for sterile single use only, which provides the laser professional with convenience and reduced personnel time required to prep, repair, clean and resterilize a reusable fiber.

*Quality Engineering
and Products for the
Laser Professional*



Silica/Silica Fibers

Single-Use and Reusable

Free-Beam Fiber Delivery System Specifications

Holmium-Nd:YAG-Diode	272	365	550	940
Single-Use SMA905 Connector	HTB-272	HTB-365	HTB-550	HTB-940
Reusable SMA905 Connector	RTB-272	RTB-365	RTB-550	RTB-940
Single-Use Trimedyne™ Connector	HB-272-TR	HB-365-TR	HB-550-TR	HB-940-TR
Reusable Trimedyne™ Connector	RB-272-TR	RB-365-TR	RB-550-TR	RB-940-TR
Outer Diameter	400µm	730µm	750µm	1400µm
Core	272µm	365µm	550µm	940µm
Working Channel	0.5 mm (1.5 Fr.) required	1.0 mm (3.0 Fr.) required	1.0 mm (3.0 Fr.) required	1.6 mm (5.0 Fr.) required

LP Surgical Fibers Quality Accessories

Model Number	Description
FS-272	Stripper for 272µm Core Fiber
FS-365	Stripper for 365µm Core Fiber
FS-550	Stripper for 550µm Core Fiber
FS-940	Stripper for 940µm Core Fiber
FC-001	Fiber Cleaver

All LP surgical fiber optics are validated sterile for a 5-year shelf life.

For further information on our full line of surgical fiber optics, visit us online at www.LPsurgicalfibers.com or call us at 1-800-966-5273.

*The reusable fiber delivery system is designed for limited reuse when proper care is exercised during handling, use, and sterilization. See "Directions for Use" provided with each fiber.



SURGICAL FIBERS

LP Surgical Fibers
13355 10th Ave. North
Suite 110
Plymouth, MN 55441

ISO:13485

800-966-5273
763-525-8460
763-525-8461 Fax
LPsurgicalfibers.com

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Silica/Hard-Clad Fibers

From the experts in fiberoptics



SURGICAL FIBERS

Affordable Quality

No need to sacrifice quality for price. LP's commitment to value brings you dependable laser delivery systems at an affordable cost.

Variety of Sizes and Tips

We have several different options for you to choose from including flat and ball tips to accommodate all your soft tissue laser applications.

Disposable

All fibers are packaged sterile for single use only. Disposable fibers provide convenience by reducing the personnel time needed to prep, clean, repair and resterilize used delivery systems.

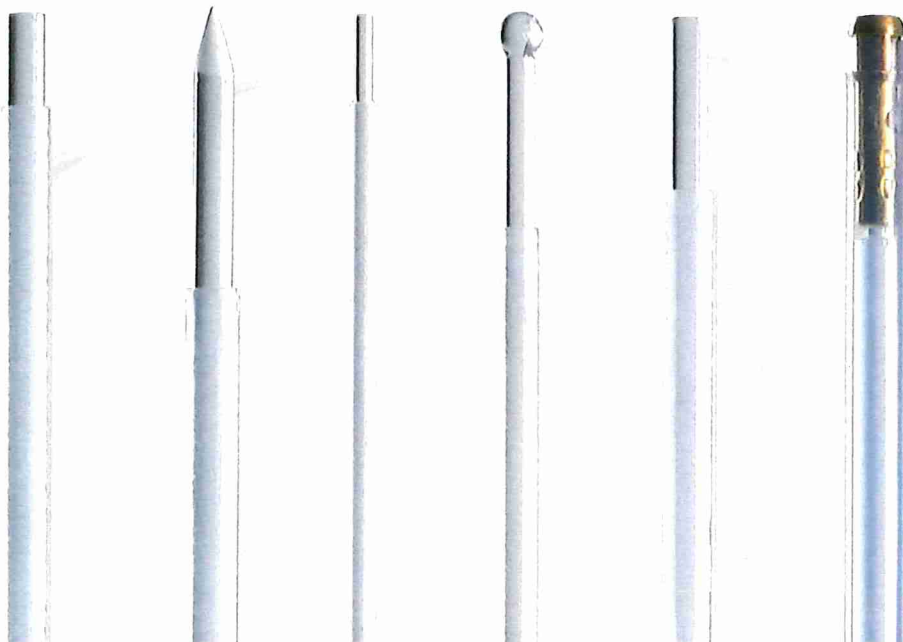
Multi-Wavelength Fiber

Each LP laser fiber is designed and FDA-cleared to accept and transmit a wide range of wavelengths, providing both convenience and cost savings.

SMA-905 Compatible

Each fiber is terminated with a SMA-905 connector specifically designed to work with most laser systems on the market.

*Quality Engineering
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Silica/Hard-Clad Fibers

- High quality, single-use fibers
- Standard SMA compatible connectors
- Contact or free beam tip configurations
- Available through your local distributor or manufacturer direct

Indications

The LP Surgical Fibers bare laser fiber is intended for use in laser surgical procedures for cutting, coagulating, or vaporizing in any soft tissue application for which compatible lasers have been cleared.

Laser Fiber Specifications

Diode, KTP, Nd:YAG

Model Number	Core	Outer Diameter	Fiber Tip
DB-400	400 micron core	730 micron O.D. (2.20 fr.)	Free Beam
DB-600	600 micron core	1040 micron O.D. (3.12 fr.)	Free Beam
DB-600-HP	600 micron core	1040 micron O.D. (3.12 fr.)	Free Beam
DB-600R-1	600 micron core	750 micron O.D. (2.25 fr.)	Free Beam (Non-stripped)
DB-600R	600 micron core	750 micron O.D. (2.25 fr.)	Free Beam
DB-600R-HP	600 micron core	750 micron O.D. (2.25 fr.)	Free Beam
DC-400B	400 micron core w/600 micron ball tip	730 micron O.D. (2.20 fr.)	Contact or Free Beam
DC-600B	600 micron core w/800 micron ball tip	1040 micron O.D. (3.12 fr.)	Contact or Free Beam
DS-600	600 micron core	1800 micron O.D. (5.4 fr.)	Free Beam w/Gas or liquid assist
DB-1000	1000 micron core	1400 micron O.D. (4.2 fr.)	Free Beam

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NEW!

LaseGuide™ Series

Enhanced Surgical Laser Fibers



SURGICAL FIBERS

The LaseGuide™ Series of premium surgical laser fibers provides enhanced features for successful, efficient procedures.

Safe Navigation

LaseGuide™ fibers are designed for safe, confident navigation of a variety of working channels during surgery. The LaseGuide™ Nav fiber protects the endoscope working channel from damage during initial fiber insertion and transitions through tight bends. (The deflected diameter of the endoscope should not be less than 1.9cm.) The LaseGuide™ Edge features curved, not flat edges to decrease scope damage during everyday use. The SaphFire™ fiber has a unique tip designed for endovenous ablation of tortuous veins and for use with compatible micro-introducers.

Reduced Surgical Time

The LaseGuide™ Nav fiber's ability to navigate a deflected endoscope keeps the user from having to straighten the scope for the initial fiber pass, saving valuable surgical time.

Blastshield Technology

The LaseGuide™ Connect ferrule design works with a wide variety of surgical laser systems. The design, within an SMA-905 connector, mitigates the potential for errant energy to damage the fiber or the laser through a built-in blastshield.

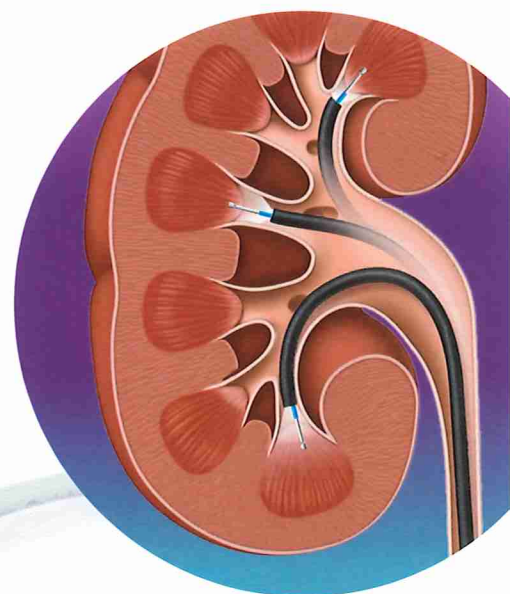
Multi-Wavelength Fiber

Each LaseGuide™ fiber is designed to accept and transmit a wide range of wavelengths, providing both convenience and cost savings.

Scope/Handpiece Compatibility

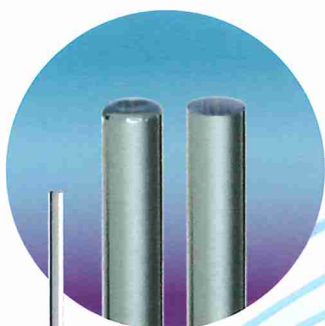
LaseGuide™ fibers are compatible with both flexible and rigid endoscopes, as well as a wide variety of single-use and reusable handpieces.

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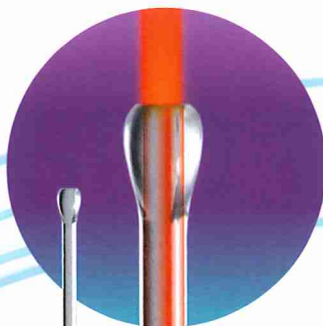
LaseGuide™ Connect

Ferrule design manages errant energy and protects against laser damage



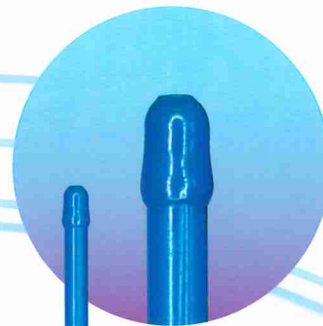
LaseGuide™ Edge

Radius-edge distal tip versus flat tip



LaseGuide™ Nav

Safe navigation in a fully (not less than 1.9cm) deflected endoscope



LaseGuide™ SaphFire™

Proprietary endovenous tip improves fiber navigation.

LaseGuide™ Enhanced Series

Single-Use Fiberoptics

Fibers are packaged sterile for a 5-year shelf life as single use only, providing convenience and reducing the personnel time required to prep, repair, clean and resterilize reusable fibers.

Disposable Free-Beam Fiber Delivery System Specifications

Product	Core Size (μm)	O.D. (μm)	Max. Watts	LaseGuide™ Tip			LaseGuide™ Connect
				Nav	Edge	SaphFire™	
LG-150-CN	150	350	8				X
LG-150-CNE	150	350	8		X		X
LG-150-CNN	150	350	8	X			X
LG-250-CN	250	375	45				X
LG-250-CNE	250	375	45		X		X
LG-250-CNN	250	375	45	X			X
LG-272-N	272	400	45	X			
LG-272-CN	272	400	60				X
LG-272-CNE	272	400	60		X		X
LG-272-CNN	272	400	60	X			X
LG-365-CN	365	730	100				X
LG-365-CNE	365	730	100		X		X
LG-365-S	365	730	15			X	

Note: For optimal performance, the laser launch spot should be well aligned and within 80% of the core diameter.

LP Surgical Fibers Quality Accessories

Model No.	Description
FS-272	Stripper for 272 μm Holmium Fiber
FS-365	Stripper for 365 μm Holmium Fiber
FS-550	Stripper for 550 μm Holmium Fiber
FS-940	Stripper for 940 μm Holmium Fiber
FC-001	Fiber Cleaver

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Laser Accessories

Quality you can count on
from the experts in fiber optics



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*Quality Engineering
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FiberChoice™ Adapter

The FiberChoice™ Adapter, Model LS-905, is designed to adapt LaserScope® KTP general surgical lasers to SMA-905 connected surgical fiber optics manufactured by LP Surgical Fibers. The Adapter gives our customers a safe, high quality, cost saving alternative for laser fibers, helping them to remain competitive in the marketplace.



Fiber Strippers

A full line of fiber strippers is available in sizes specifically matched to the bare tip laser fibers to insure a clean strip with no cladding or core damage.



Fiber Cleaver

Exclusively distributed by LP Surgical Fibers, the carbide-tip cleaver is high temperature autoclavable. The 30 degree wedge tip will enable you to quickly renew the working end of your fibers for maximum laser efficiency.



Quality Laser Accessories

From the experts in fiber optics

Fiber Stripper Compatibility

Part #	Fiber Compatibility	Blade Color
FS-272	All Single-use and Reusable 272 Models	Dark Green
FS-365	All Single-use and Reusable 365 Models	Dark Blue
FS-550	All Single-use and Reusable 550 Models	Light Green
FS-940	All Single-use and Reusable 940 Models	Dark Brown
FS-400	All DBLF-40 Models	Dark Blue
FS-600	All DBLF-60 Models	Black
FS-600-1	All DBLF-60-1 & -2 Models	Light Green

Fiber Cleaver

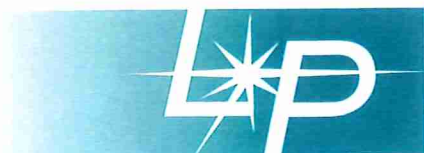
The cleaver is supplied in a reusable plastic tube with a tip protector. It is recommended that the tip protector remain on the cleaver tip whenever the cleaver is not being used.

FiberChoice™ Adapter

The FiberChoice™ Adapter, Model LS-905, is sold individually and is delivered in a padded zipper case that the adapter should be stored in anytime it is not in use.

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