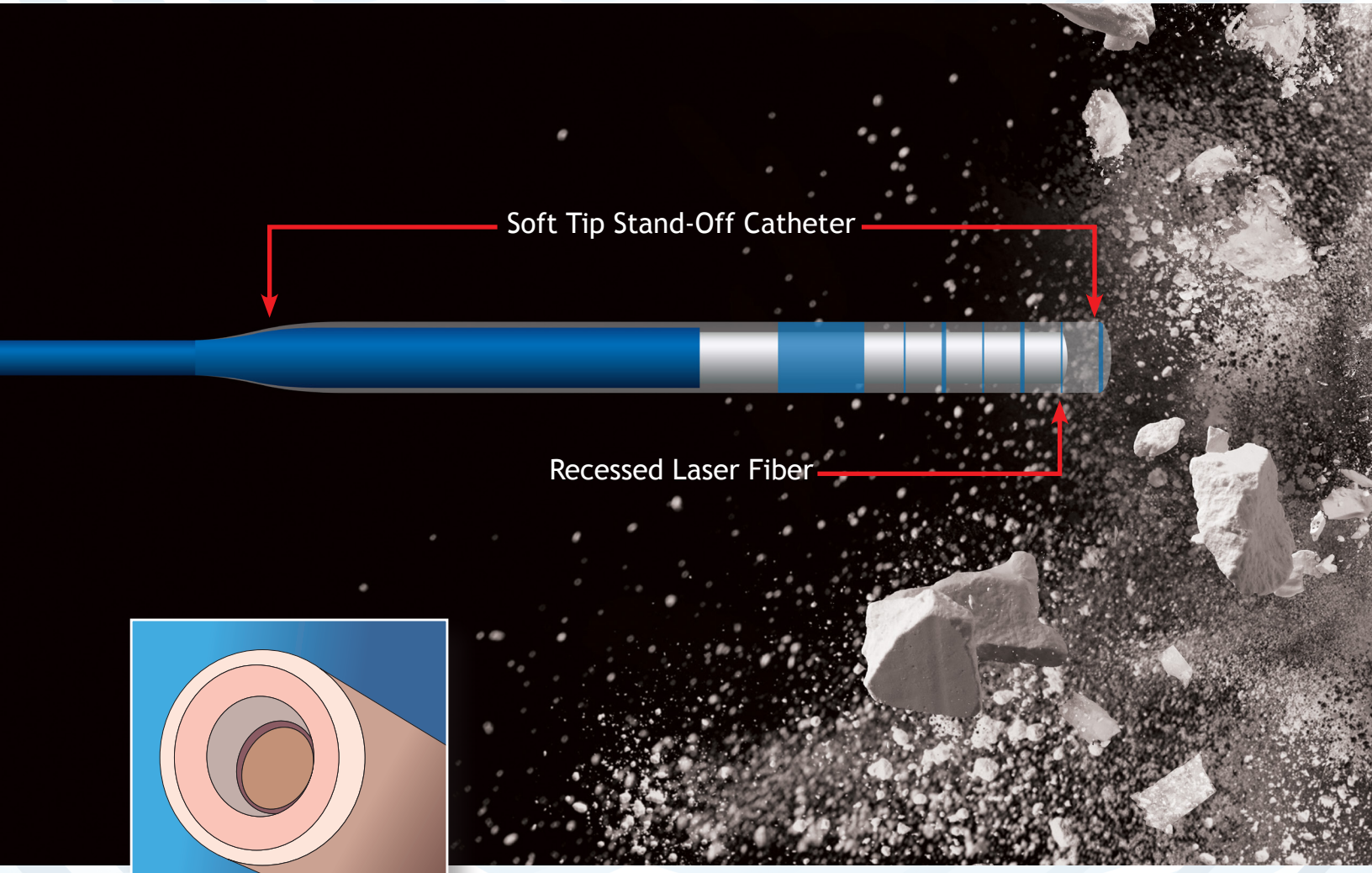
ScopeSafe™ Laser Fiber
with
SoftTip Stand-Off™ Jacket

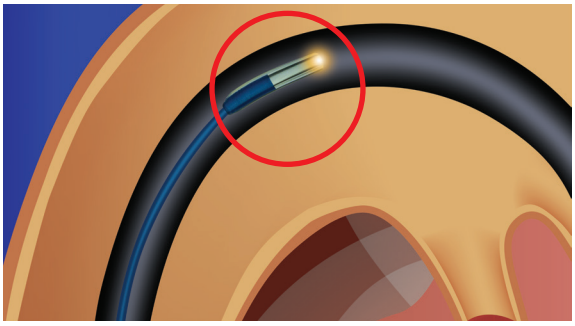


A better solution for multiple laser fiber insertions

SoftTip™
ScopeSafe laser fiber with Stand-Off Jacket

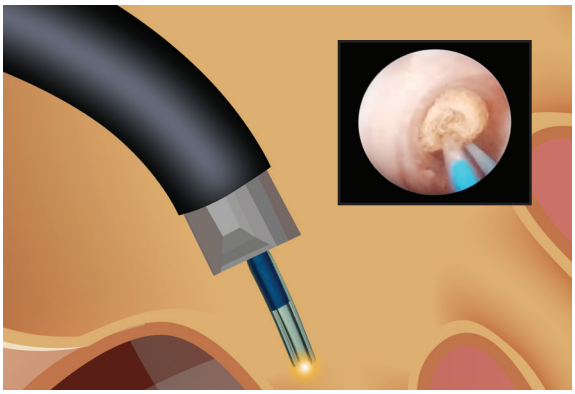
SoftTip™

ScopeSafe laser fiber with Stand-Off Jacket



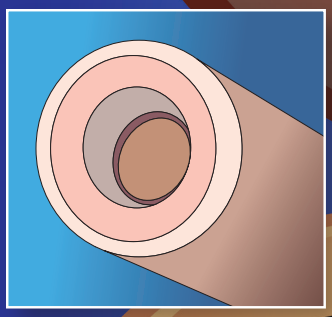
The SoftTip Stand-Off Jacket enables laser fiber insertion through a deflected endoscope

- The traditional approach is to straighten the scope before passing a laser fiber however this can be difficult to achieve. In these cases the SoftTip enables safe passage of the laser fiber through a deflected endoscope.



Whether your procedure requires single or multiple laser fiber insertions the SoftTip protects your scope

- SoftTip protects the full length of the endoscope's working channel from abrasions and scrapes that lead to punctures – a known cause of scope damage.
- SoftTip protects your scope regardless of the number of fiber insertions your procedure demands.
- Soft Tip has minimal impact on deflection and flow because the Soft Tip jacket is outside the scope channel.



The SoftTip Stand-Off Jacket provides a proper standoff distance from the fiber to the stone. The Stand-Off Jacket offers the following advantages:

- Fiber does not degrade providing energy to stone for the entire case*
- Stand-Off Jacket allows user to touch the stone for ease of use and optimal stone to fiber distance*
- No need to strip and cleave the fiber
- The atraumatic SoftTip jacket protects the surrounding mucosa from damage
- Millimeter graduations on Soft Tip jacket provides stone measurement capability

ScopeSafe™

with patented optical filter technology

ScopeSafe laser fibers have a unique optical filter technology that protects the endoscope and laser from thermal damage

- The green ring shown on the NON-ScopeSafe fiber (Fig. B) represents errant laser energy in the cladding layer of the laser fiber – a known cause of fiber and scope damage.
- If the laser fiber is put on flexion and there is too much energy in the cladding both the laser fiber and scope can suffer major thermal damage.
- The optical filter (Fig. A) prevents laser energy from entering the fiber's cladding layer.
- ScopeSafe laser fibers also contain a built in blast shield to protect the laser's optics from damage.

Laser beam profile for ScopeSafe and non-ScopeSafe fibers.

A gaussian beam is desired since errant energy can cause spontaneous fiber failure and fiber breakage.

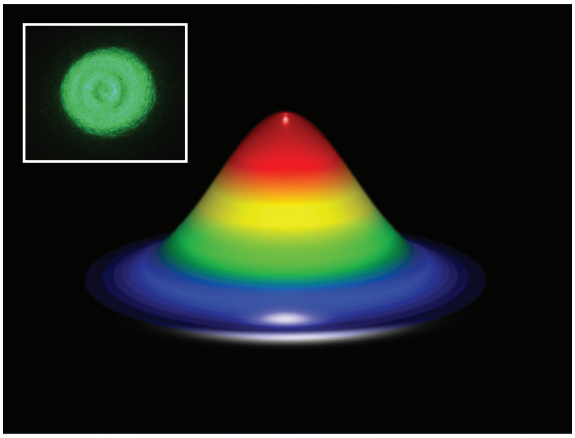


Fig. A: ScopeSafe laser fiber with filter technology. No energy in the cladding.

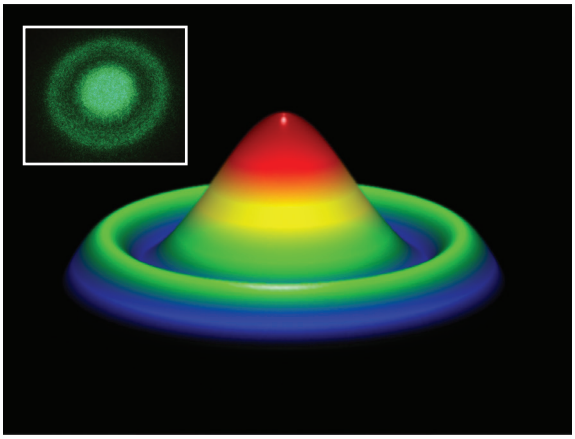
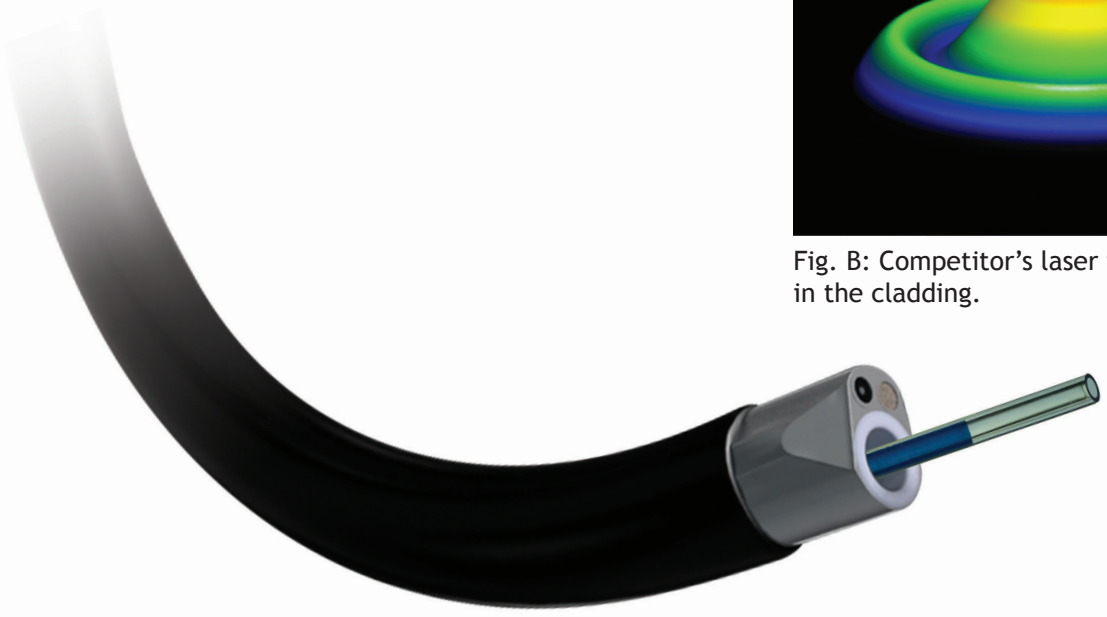


Fig. B: Competitor's laser fiber with energy in the cladding.



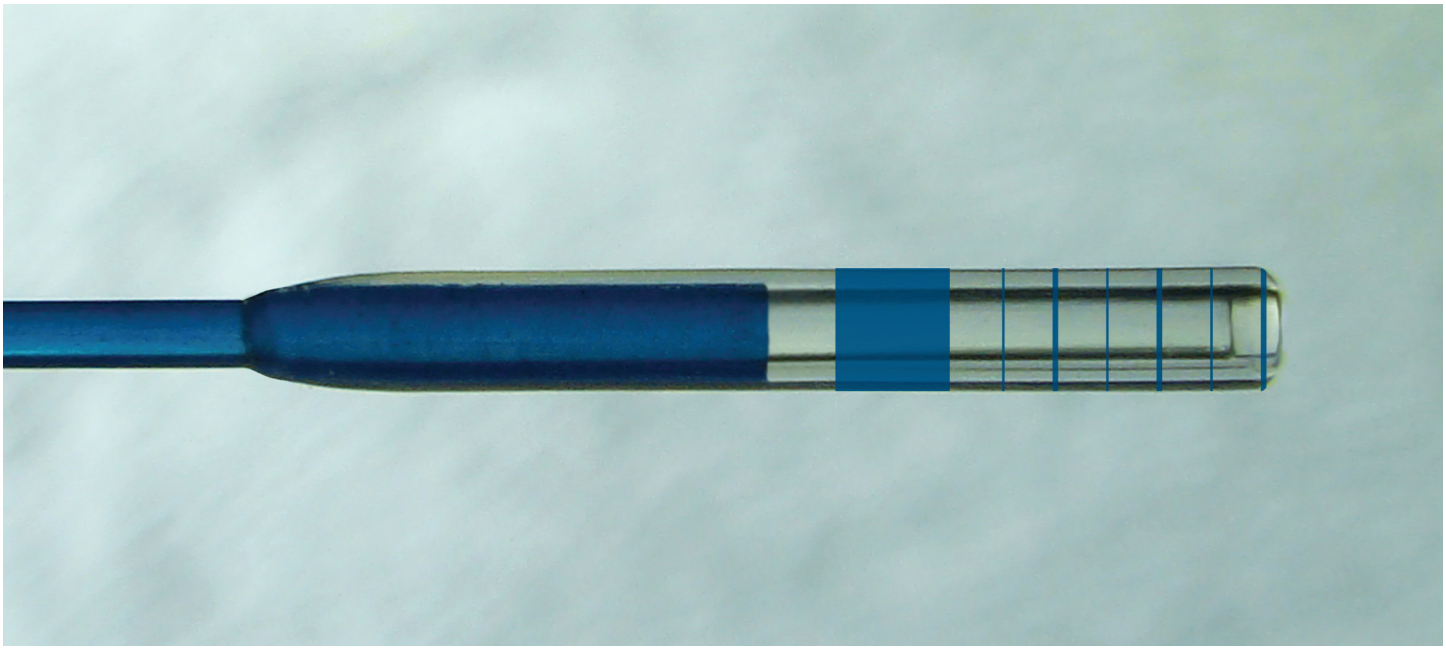
Best Flow Rates/Least Loss of Deflection

Royal Wolverhampton study conclusion, "The Optical Integrity ScopeSafe™ 200µm laser fibre offers the best overall performance with significantly improved flow rates and the least loss of scope deflection compared to the other fibers."

Nicholas J. Rukin et al, "What effect do different 200µm laser fibers have on deflection and irrigation flow rates during flexible ureterorenoscopy".

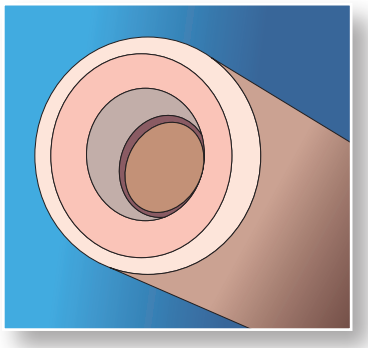
SoftTip™

ScopeSafe laser fiber with Stand-Off Jacket



Product Specifications:

ScopeSafe Laser Fiber with SoftTip Stand-Off Jacket



Part Number	Description
11531	200µm ScopeSafe laser fiber, SMA-905, single-use, sterile
11521	272µm ScopeSafe laser fiber, SMA-905, single-use, sterile
11533	300µm ScopeSafe laser fiber, SMA-905, single-use, sterile
11535	365µm ScopeSafe laser fiber, SMA-905, single-use, sterile
11537	550µm ScopeSafe laser fiber, SMA-905, single-use, sterile
11539	1000µm ScopeSafe laser fiber, SMA-905, single-use, sterile

Optical INTEGRITY

*Data on file Optical Integrity Inc.