



ScatterFree™

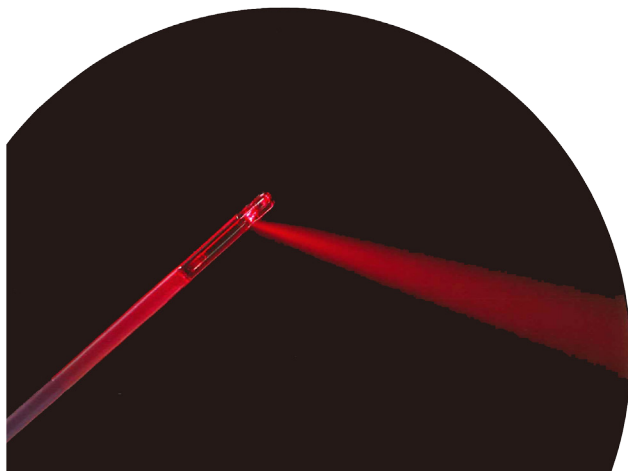
Lateral Emitting Laser Fibers



ScatterFree™ Lateral Emitting Laser Fibers Specifications

Model	UMHB-550SF	UMDB-550SF
Description	Multi-Wavelength ScatterFree™ Laser Fiber SMA-905 with expansion nut	Multi-Wavelength ScatterFree™ Laser Fiber SMA-905
Fiber Core	550 microns	550 microns
Length	3.0 meters	3.0 meters
Outside Diameter	1.75mm	1.75mm
Beam Divergence	12-15° typical	12-15° typical
Beam Exit Angle	78° Typical	78° Typical
Maximum Power	80 watts @ 1064nm 80 watts @ 2100nm	80 watts @ 1064nm 36 watts @ 532nm
Packaging	Packaged sterile. Single use only. Available individually or in boxes of five.	Packaged sterile. Single use only. Available individually or in boxes of five.

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



Multi-Wavelength Fiber

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

Unique Tip Design

ScatterFree™ laser fibers feature an angled tip design that delivers the most precise and powerful lateral emitting laser treatment available, with virtually zero scattered laser energy. The angled tip design with an integrated protective quartz cap provides exceptional durability, in contact or close proximity, to vaporize and coagulate soft tissue.

Laser Compatibility

Each ScatterFree™ fibers are terminated with SMA-905 connectors specifically designed to work with a variety of laser systems on the market.

Safety

ScatterFree™ fibers are designed with a beam direction indicator on the distal end of the fiber. A triangular green indicator allows the surgeon to identify the position that the laser beam will laterally exit from the fiber. An adjustable turning device allows the fiber to be rotated to the desired treatment site.