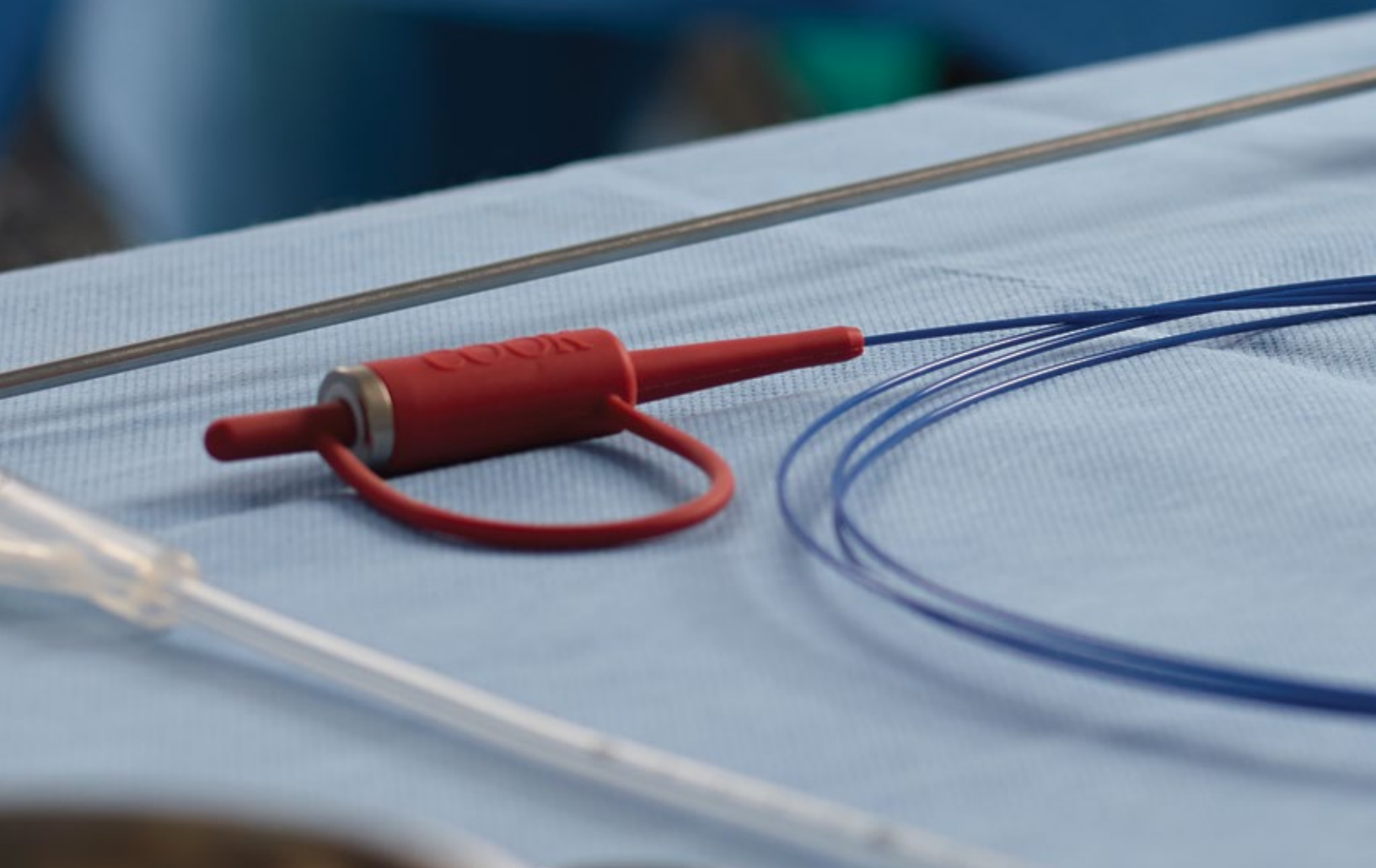


Lase smarter.



HOLMIUM LASER FIBERS

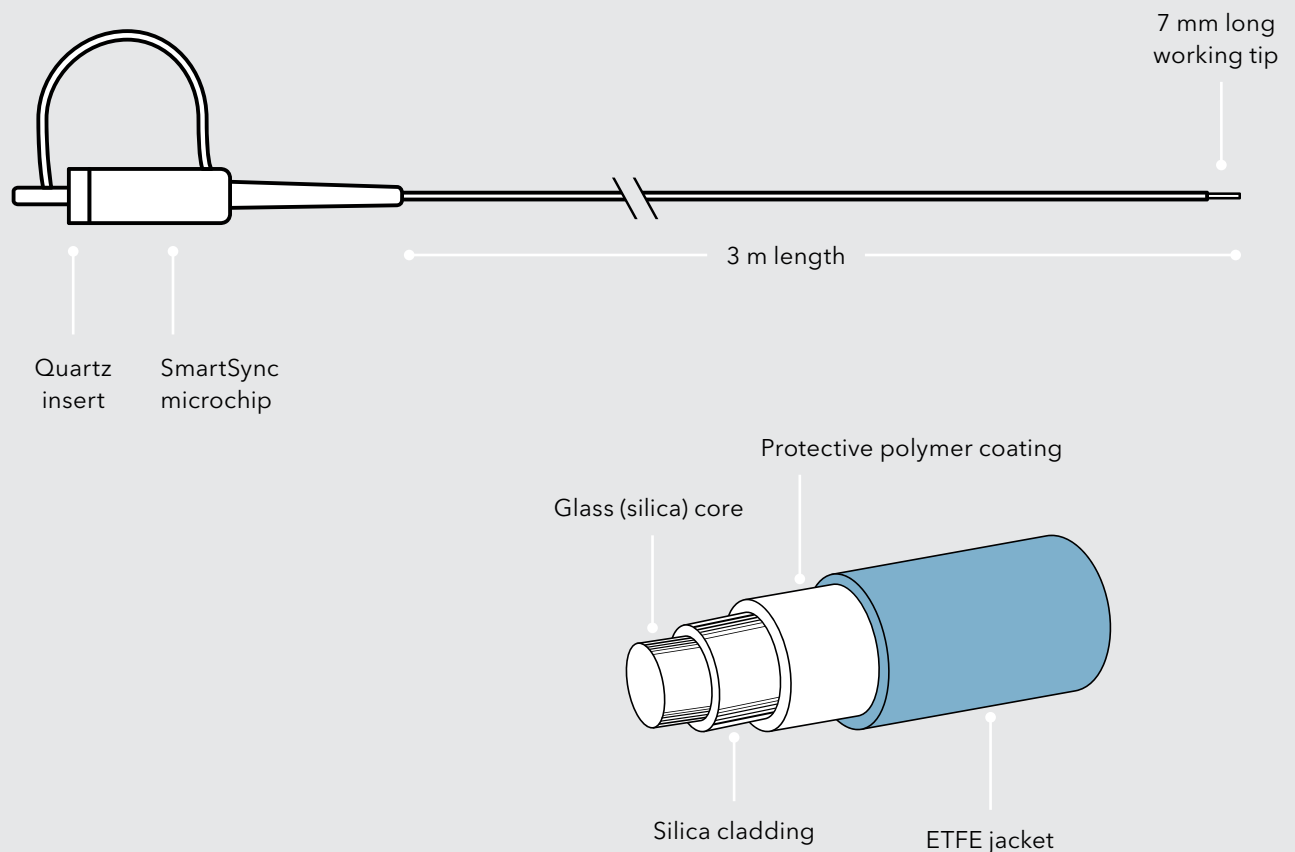


The Holmium laser fibers give you Cook quality across a full line of single- and multi-use fibers. They are the exclusive fibers for use with the Rhapsody® H-30® Holmium Laser System.

Holmium laser fiber specifications

The fibers are 3 m long and feature a 7 mm long working tip. An integrated protective material (quartz insert) in the hub of the fiber absorbs errant laser blasts and protects the optical deck on the laser system from damage. This protective material makes the blast shield a redundant measure.¹ The fiber connectors are color coded to help distinguish between single- and multi-use fibers and also between the various sizes of the multi-use fibers.

A long pulse setting, as is found in the Rhapsody H-30 laser system and other holmium lasers, may significantly lessen the degradation of laser fibers and may diminish treatment costs.²



1. Only available on fibers with diameters smaller than 550 μm .

2. Wollin DA, Ackerman A, Yang C, et al. Variable pulse duration from a new holmium:YAG laser: The effect on stone comminution, fiber tip degradation, and retropulsion in a dusting model. *Urology*. 2017;103:47-51.



The fiber size is determined by the diameter of the fiber's glass core.

Fiber Diameter	Connector Color		Fiber Core Diameter (+/- 2%)		Overall Fiber OD (+/- 5%)	
	Single-use	Multi-use	µm	Fr	µm	Fr
150	red	--	145	.44	270	.81
200	red	--	200	.6	375	1.13
273	red	green	272	.82	420	1.26
365	red	blue	365	1.1	550	1.65
550	red	violet	550	1.65	750	2.25
940	red	orange	940	2.82	1400	4.2

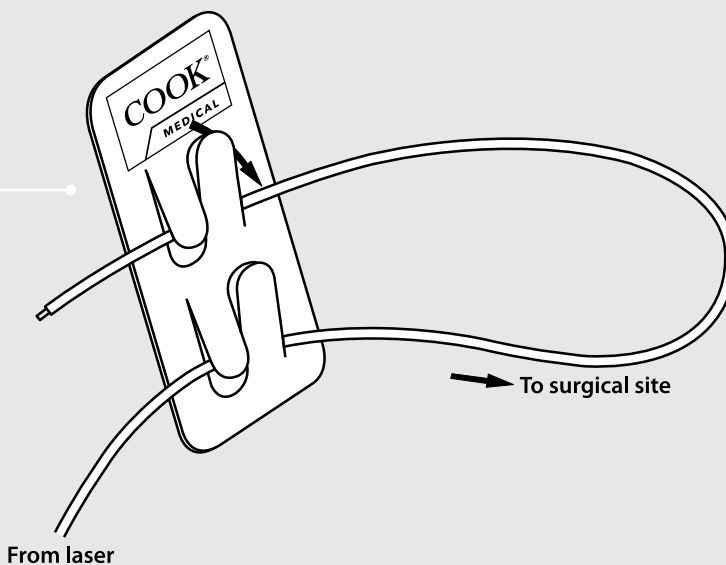


SmartSync® Technology

Cook Medical's Holmium Laser Fibers with SmartSync Technology provide an advanced level of functionality when used with the Rhapsody H-30 Holmium Laser System. The SmartSync microchip within the fiber communicates with the Rhapsody H-30 laser to identify the size of the attached fiber, limit the laser energy to the fiber's maximum allowable power output, and record laser information to facilitate troubleshooting. However, confidential patient data are not collected.

Fiber clip

A peel-and-stick fiber clip is packaged with each fiber and can be used to hold the fiber in place and off of the OR floor during the procedure.



For use with Rhapsody H-30 and Odyssey 30™ laser systems

Order Number	Reference Part Number	Fiber Diameter μm	Connector Color
Single-Use Holmium Laser Fiber Sold in boxes of 3			
G23553	HLF-S273-H30	273	red
G23552	HLF-S365-H30	365	red
G23734	HLF-S550-H30	550	red
G23735	HLF-S940-H30	940	red
Multi-Use Holmium Laser Fiber Sold individually			
G23668	HLF-M273-H30	273	green
G23667	HLF-M365-H30	365	blue
G23666	HLF-M550-H30	550	violet
G23665	HLF-M940-H30	940	orange

For use with Rhapsody H-30 and SMA-905 connector laser systems

Order Number	Reference Part Number	Fiber Diameter μm	Connector Color
Single-Use Holmium Laser Fiber Sold in boxes of 3			
G25292	HLF-S150-HSMA	150	red
G25293	HLF-S200-HSMA	200	red
G25294	HLF-S273-HSMA	273	red
G25295	HLF-S365-HSMA	365	red
G25296	HLF-S550-HSMA	550	red
G25297	HLF-S940-HSMA	940	red
Multi-Use Holmium Laser Fiber Sold individually			
G25298	HLF-M273-HSMA	273	green
G25299	HLF-M365-HSMA	365	blue
G25300	HLF-M550-HSMA	550	violet
G25301	HLF-M940-HSMA	940	orange

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

1. Odyssey 30 is a trademark of Convergent Laser Technologies.

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