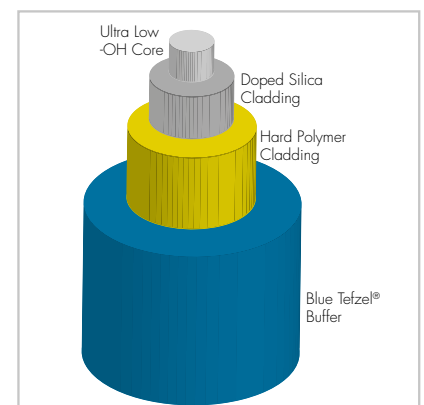
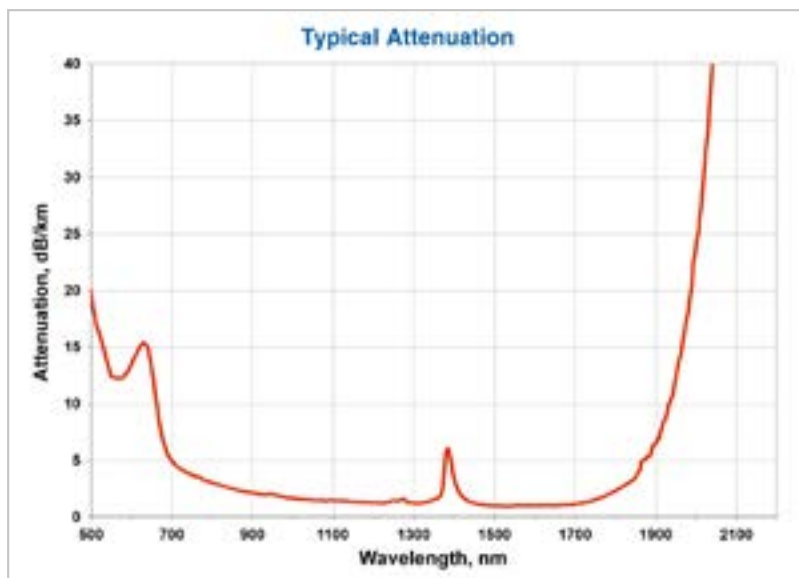


Pump Fiber for Diode Pumped Solid State Laser

Pump fibers are used for longitudinal pumping of solid state lasers. The pump energy from a laser diode is coupled into the pump fiber and focussed on the other end onto the front side of the laser rod. Pump light sources emit in the wavelength range from 808 nm to 980 nm. For these wavelengths the All Silica Low OH fibers from Polymicro are suitable.

LASER COMPONENTS offers assembly services for these fibers. They can be equipped with all common connector types, SMA, SMA with free standing fibers, FC, DIN and more. To protect the fiber LASER COMPONENTS offers various protective tubes such a teflon or flexible metal tubes. They are available in different colors.



Fiber Types

	All Silica low OH200	All Silica low OH272	All Silica low OH365	All Silica low OH400	All Silica low OH550	All Silica low OH600	All Silica low OH940
Numerical aperture	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Core diameter [μm]	200 \pm 5	272 \pm 10	365 \pm 10	400 \pm 10	550 \pm 12	600 \pm 10	940 \pm 20/-5
Cladding diameter [μm]	240 \pm 5	326 \pm 10	400 \pm 8	480 \pm 10	600 \pm 10	630 \pm 5/-10	1035 \pm 15
Coating diameter [μm]	260 \pm 5	356 \pm 8	425 \pm 8	515 \pm 10	630 \pm 10	660 \pm 5/-10	1035 \pm 15
Buffer diameter [μm]	400 \pm 30	460 \pm 30	730 \pm 30	830 \pm 50	750 \pm 30	1040 \pm 35	1400 \pm 50
Product descr. code	JTFIH200	JTFIH272	JTFIH365	JTFIH400	JTFIH550	JTFIH600	JTFIH940

Others on request

