

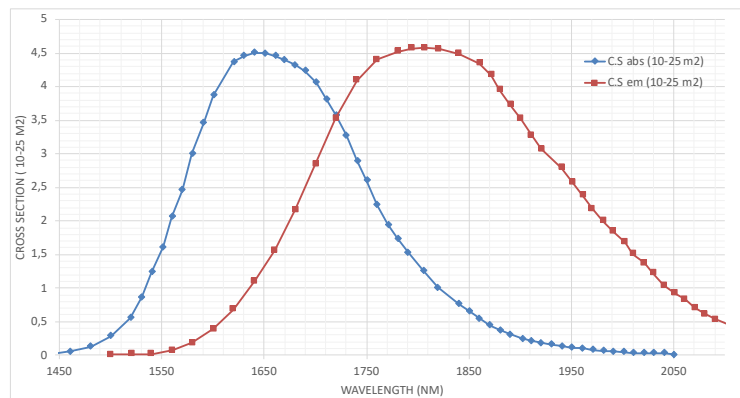
Industrial confidentiality
PRODUCT SPECIFICATION

Single Clad Thulium Doped Fiber

Product code: IXF-TDF-5-125-HD
(Higher doping level for resonant pumping)

	Parameter	Specification	Units
1	Absorption @ 793 nm*	> 500	dB/m
2	Absorption @ 1180 nm	> 125	dB/m
3	Absorption @ 1560 nm	> 130	dB/m
4	Numerical Aperture	0.17±0.02	
5	Core diameter	5 ±1	µm
6	Mode Field Diameter @ 2000 nm	9.5 ±1	µm
7	Cladding diameter	125 ±2	µm
8	Coating diameter	245 ±15	µm
9	Proof test level	100	kpsi
10	Cladding shape	circular	
11	Core codopant	Al	

*calculated from absorption @ 1180nm



Cross Section shape of Thulium Single Clad Fiber

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PSD-L-Q-E-086-1 Specifications are subject to change without notice

