

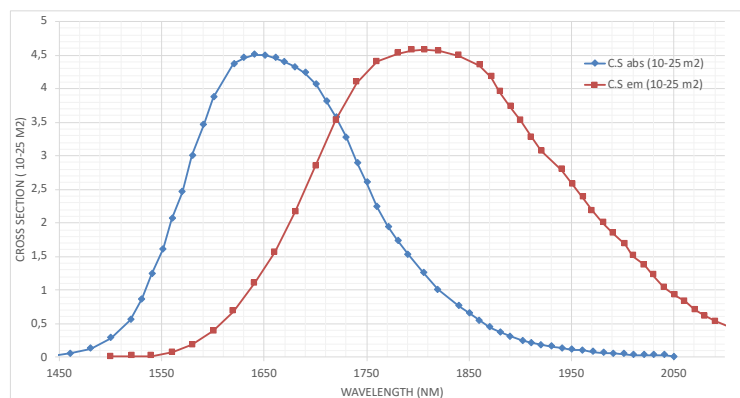
Industrial confidentiality
PRODUCT SPECIFICATION

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	0.26 ±0.02	
5	Core diameter	5 ±1	µm
6	Mode Field Diameter @ 2000 nm	6.2 ±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



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iXblue S.A.S.
iXblue Photonics – Specialty Fibers Division
Rue Paul Sabatier, 22300 Lannion, France

T. : +33 1 30 08 94 50
www.photonics.ixblue.com

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R.C.S. Versailles 433 185 121 - SIRET 433 185 121 00061
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日本デバイス株式会社
www.j-device.com

E-mail sales@j-device.com

Tel 03-6262-3424 Fax 03-6800-5883