

Industrial confidentiality

## PRODUCT SPECIFICATION

Product code: IXF-SM-1550-125-028-PI

	Parameter	Specification	Units
1	Core NA	0.28 ± 0.02	
2	Mode Field Diameter @ 1550nm	4.5 ± 0.5	
3	Attenuation @ 1550 nm	< 5.0	dB/km
4	Cutoff wavelength	< 1350	nm
5	Core/clad offset	< 0.75	µm
6	Cladding diameter	125 +/- 1	µm
7	Coating diameter	155 +/- 5	µm

	Design Parameter	Specification	Units
8	Coating Material	Polyimide	
9	Operating temperature range	-60 / +300	°C
10	Proof test level	100	kpsi
11	Short term bend radius	> 10	mm
12	Long term bend radius	> 20	mm

### Comments

Fiber designed for sensor application at high temperature and harsh environment.  
Typical RIA @ 1550 nm for 20 kGy ( $\gamma$  ray) ~ 25 dB/km

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*Specifications are subject to change without notice*

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