

**Industrial confidentiality**

## PRODUCT SPECIFICATION

Product code: IXF-RAD-SENSE-SM-1550

	Parameter	Specification	Units
1	Core NA	0.17 ± 0.01	
2	Attenuation @ 1550 nm	< 2.5	dB/km
3	Attenuation @ 1310 nm	< 1.5	dB/km
4	Cutoff Wavelength	< 1250	nm
5	MFD @ 1550 nm	8 ± 1	µm
6	Core/clad offset	< 1	µm
7	Outside Cladding diameter	125 ± 1	µm
8	Coating diameter	245 ± 15	µm

	Design Parameter	Specification	Units
9	Coating Material	Acrylate	
10	Operating temperature range	-40 / +85	°C
11	Proof test level	100	kpsi

Product description :  
 Fiber designed for radiation sensing  
 Sensitivity coefficient \*: 4dB.km<sup>-1</sup>.Gy(SiO<sub>2</sub>)<sup>-1</sup>

*Upon request:*

- *Other coating can be applied.*
- *Reduced cladding diameter version (80µm)*

*\*Calibrated using Co<sup>60</sup> sources*

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*Specifications are subject to change without notice*

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