

Industrial confidentiality

## PRODUCT SPECIFICATION

Product code: IXF-RAD-SENSE-HI

	Parameter	Specification	Units
1	Core NA	0.12 ± 0.01	
2	Attenuation @ 1310 nm	< 5	dB/km
3	Attenuation @ 530 nm	< 50	dB/km
4	Cutoff Wavelength	1050+/-75	nm
5	MFD @ 1310 nm	9 ± 1	µm
6	Core/clad offset	< 1	µm
7	Outside Cladding diameter	125 ± 1	µm
8	Coating diameter	245 ± 15	µm

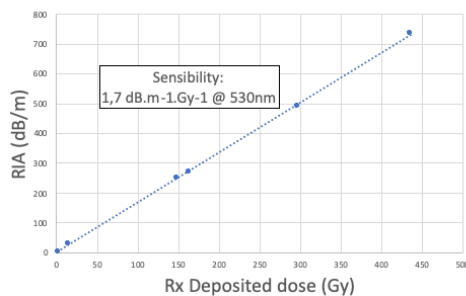
	Design Parameter	Specification	Units
9	Coating Material	Acrylate	
10	Operating temperature range	-40 / +85	°C
11	Proof test level	100	kpsi

Product description :

Fiber designed for radiation sensing when High sensitivity is required

Sensitivity coefficient @ 530nm \*: 1.7dB.m<sup>-1</sup>.Gy(SiO<sub>2</sub>)<sup>-1</sup>

Radiation Induced Attenuation at 530 nm Vs Dose



Upon request, other coating can be applied and reduced cladding diameter version(80µm)

*\*extracted from available literature (+/-15%)*

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*Specifications are subject to change without notice*

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