

Industrial confidentiality

## PRODUCT SPECIFICATION

Product code: IXF-RAD-SM-1550-014-HT

	Parameter	Specification	Units
1	Core NA	0.14 ± 0.01	
2	Attenuation @ 1550 nm	< 0.6	dB/km
3	Cutoff Wavelength	< 1450	nm
4	MFD @ 1550 nm	9 ± 1	µm
5	Core/clad offset	< 1	µm
6	Outside Cladding diameter	125 ± 2	µm
7	Coating diameter	245 ± 15	µm
8	Radiation Induced Attenuation @ 1550nm for 1 MGy (γ ray)	< 30	dB/km

	Design Parameter	Specification	Units
9	Core Material	Pure silica	
10	Coating Material	Acrylate	
11	Operating temperature range (long term)	-60 / +150	°C
12	Proof test level	100	kpsi

Product description :

Fiber designed for sensor applications.  
 Pure silica core radiation resistant fiber  
 High temperature acrylate coated for High temperature resistance  
 Typical RIA @ 1550 nm for 1 MGy (γ ray) ~ 25 dB/km

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*Specifications are subject to change without notice*

PSD-L-Q-E-086-I



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