

Industrial confidentiality

PRODUCT SPECIFICATION

Product code:

IXF-SM-1550-125-014-HT

	Parameter	Specification	Units
1	Core NA	0.14 ± 0.01	
2	Mode Field Diameter @ 1550nm	8.5 ± 0.5	
3	Mode Field Diameter @ 1310nm	7.5 ± 0.5	µm
4	Attenuation @ 1550 nm	< 0.4	dB/km
5	Attenuation @ 1310 nm	< 0.6	dB/km
6	Cutoff wavelength	< 1275	nm
7	Core/clad offset	< 1	µm
8	Cladding diameter	125 +/- 1	µm
9	Coating diameter	245 +/- 15	µm

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

Comments

Fiber designed for sensor application at high temperature.
Typical RIA @ 1550 nm for 20 kGy (γ ray) ~ 25 dB/km

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Specifications are subject to change without notice

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