

**Industrial confidentiality**

## PRODUCT SPECIFICATION

Product code: IXF-SM-1550-80-024-PI

	Parameter	Specification	Units
1	Core NA	0.24 ± 0.01	
2	Attenuation @ 1550 nm	< 1.5	dB/km
3	Cutoff wavelength	< 1450	nm
4	Mode Field Diameter @ 1550 nm	5.3 ± 1	µm
5	Bending loss Ø 15mm @ 1550 nm	< 0.1	dB/turn
6	Core/clad offset	< 0.5	µm
7	Cladding diameter	80 +/- 1	µm
8	Coating diameter	110 +/- 5	µm

	Design Parameter	Specification	Units
9	Coating Material	Polyimide	
10	Operating temperature range	-60 / +300	°C
11	Proof test level	100	kpsi

**Comments**

Low bending loss optical fiber designed for harsh environment sensing

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*Specifications are subject to change without notice*

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