

Industrial confidentiality

PRODUCT SPECIFICATIONS

Product code: IXS-POL-1550-80

	Parameter	Specification	Units
1	20 dB Fast Edge*	< 1500	nm
2	3 dB Slow Edge*	> 1600	nm
3	Extinction Ratio	< -30	dB
4	Attenuation @1550nm	< 20	dB/km
5	Mode Field Diameter @1550nm	11.0 ± 2.5	µm
6	Numerical Aperture	0.13 ± 0.01	
7	Core/Clad Concentricity	< 1	µm
8	Cladding Diameter	80 ± 2	µm
9	Coating Diameter	170 ± 5	µm
10	Proof Test Level	100	kpsi

	Design Parameter	Specification	Units
11	Operating Wavelength	1550	nm
12	Design	Tiger	
13	Core Shape	Round	
14	Coating Material	Dual Acrylate	
15	Operating Temperature Range	-40 to +85	°C

Comments

*Typical polarization performance with deployment conditions of 5m length in a 80mm coil.

Effective date of this document: 15/11/2018

Edition: A

Document reference: IXS-POL-1550-80_edA.pdf

Specifications are subject to change without notice

PSD-L-Q-E-086-I

