

Industrial confidentiality

PRODUCT SPECIFICATIONS

Product code: IXS-POL-840-80

	Parameter	Specification	Units
1	20 dB Fast Edge*	< 790	nm
2	3 dB Slow Edge*	> 890	nm
3	Extinction Ratio	< -30	dB
4	Attenuation @780nm	< 20	dB/km
5	Numerical Aperture	0.11 ± 0.01	
6	Mode Field Diameter @780nm	6 ± 2	µm
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	840	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.

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Specifications are subject to change without notice

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