



FUD-4194, Revision: A S460-PI Optical Fiber

You have selected an application designed fiber, not fully released which may have a longer lead time than our standard products.

Parameter	Min	Nom	Max	Unit	Compliance
Operating Wavelength	460		600	nm	Design
Clad Diameter	123	125	127	μm	Measured
Coating Diameter	140	145	150	μm	Measured
Core NA		0.12			Design
Core/Clad Offset	0		0.5	μm	Measured
Cutoff	370		450	nm	Measured
Gaussian MFD at 460 nm	2.9	3.4	3.9	μm	Measured
Long Term Bend Radius	13			mm	Design
Proof test Level	100		110	kpsi	Measured
Short Term Bend Radius	6			mm	Design
Core Diameter		3		μm	Design
Comments	Special Core Dopants: Pure Silica Coating Requirements: Polyimide Coating.				



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Nufern products are manufactured under an ISO 9001:2008 certified quality management system.



Custom developed fiber (FUD) specifications are subject to change without notice. Other configurations such as alternative form factors, optimized cut-off and UV cured color coating may be available. Let us know how Nufern can assist with your requirements.