



FUD-3959, Revision: E R1550-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	1460		1620	nm	Design
Core Attenuation at 1550 nm	0		0.5	dB/km	Measured
Customer comment:	Attenuation measured on a loose coil configuration.				
Core NA		0.13			Design
Cutoff	1400		1500	nm	Measured
Mode Field Diameter at 1550 nm	9		10	μm	Measured
Core Diameter		9		μm	Design
Clad Diameter	123		127	μm	Measured
Core/Clad Offset	0		0.5	μm	Measured
Coating Diameter	145		155	μm	Measured
Coating-Clad Concentricity	0		2	μm	Measured
Proof test Level	100		120	kpsi	Measured
Customer comment:	Radius-bend proof test method.				
Operating Temperature Range	-65		300	°C	Design
Comments	Coating Requirements: Thermally Cured Polyimide coating Radiation Requirements: Step Index, Radiation Resistant Core				



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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.

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