



# FUD-3140, Revision: B 1550-A 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	1310		1620	nm	Design
Core Attenuation at 1310 nm	0		0.4	dB/km	Measured
Core Attenuation at 1550 nm	0		0.3	dB/km	Measured
Core NA		0.12			Design
Cutoff	1190		1290	nm	Measured
Mode Field Diameter at 1310 nm	8.8		9.8	μm	Measured
Mode Field Diameter at 1550 nm	9.7		11.3	μm	Measured
Core Diameter		9		μm	Design
Core Non-Circularity	0		5	%	Measured
Clad Diameter	124		126	μm	Measured
Clad Non-Circularity	0		2	%	Measured
Core/Clad Offset	0		0.8	μm	Measured
Coating Diameter	235		255	μm	Measured
Coating-Clad Concentricity	0		5	μm	Measured
Proof test Level	200		220	kpsi	Measured
Operating Temperature Range	-55		125	°C	Design
Comments	Coating Requirements: High Temperature UV-Cured, Dual Acrylate				



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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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