



FUD-3164, Revision: A 50/125-GI-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	800		1350	nm	Design
Core Attenuation at 850 nm	0		4	dB/km	Measured
Core Attenuation at 1300 nm	0		1.5	dB/km	Measured
Core NA	0.185		0.215		Design
Bandwidth at 850 nm	500		10000	MHz-km	Measured
Bandwidth at 1300 nm	500		10000	MHz-km	Measured
Core Diameter	47	50	53	µm	Measured
Clad Diameter	123	125	127	µm	Measured
Coating Diameter	230	245	260	µm	Measured
Customer Requested Spool Length	500			m	Design
Long Term Bend Radius	25			mm	Design
Short Term Bend Radius	12			mm	Design
Proof test Level	100		120	kpsi	Measured
Operating Temperature Range	-55		125	°C	Design
Comments	Step or Graded Index: Graded Index Coating Requirements: UV-cured, dual acrylate 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.