



FUD-3065, Revision: D 62.5/125-G-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	850		1300	nm	Design
Core Attenuation at 850 nm	0		3	dB/km	Measured
Core Attenuation at 1300 nm	0		0.7	dB/km	Measured
Core NA	0.26		0.29		Measured
Bandwidth at 850 nm	200		3000	MHz-km	Measured
Bandwidth at 1300 nm	500		3000	MHz-km	Measured
Core Diameter	59.5		65.5	μm	Measured
Core Non-Circularity	0		5	%	Measured
Clad Diameter	123		127	μm	Measured
Clad Non-Circularity	0		2	%	Measured
Core/Clad Offset	0		3	μm	Measured
Coating Diameter	235		255	μm	Measured
Customer Requested Spool Length	500			m	Design
Proof test Level	100		120	kpsi	Measured
Operating Temperature Range	-55		125	°C	Design
Comments	Step or Graded Index: Graded Index Radiation Requirements: Non-rad hard. Other Requirements: Customer is expected to perform qualification under cable deployment conditions				



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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.