FUD-2950, Revision: A
62.5/125-GI-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	800		1350	nm	Design
Core Attenuation at 850 nm	0		3.5	dB/km	Measured
Core Attenuation at 1300 nm	0		1	dB/km	Measured
Core NA	0.26	0.275	0.29		Measured
Bandwidth at 850 nm	160		3000	MHz-km	Measured
Bandwidth at 1300 nm	300		3000	MHz-km	Measured
Core Diameter	59.5	62.5	65.5	µm	Measured
Core Non-Circularity	0		5	%	Measured
Clad Diameter	123	125	127	µm	Measured
Clad Non-Circularity	0		2	%	Measured
Core/Clad Offset	0		3	µm	Measured
Coating Diameter	150		160	µm	Measured
Coating-Clad Concentricity	0		2	µm	Measured
Prooftest Level	200		220	kpsi	Measured
Operating Temperature Range	-55		300	°C	Design

Comments

Step or Graded Index: Graded Index
Coating Requirements: Polyimide coated fiber. Radius bend prooftest method.
Radiation Requirements: Non-Radiation Hard.

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

RoHS

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.