



FUD-4315, Revision: A GR-62.5/125-27HTA-XP 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	0.2		3.5	dB/km	Measured
Core Attenuation at 1300 nm	0.2		0.9	dB/km	Measured
Core NA	0.26	0.275	0.29		Measured
Bandwidth at 850 nm	160		5000	MHz-km	Measured
Bandwidth at 1300 nm	500		5000	MHz-km	Measured
Core Diameter	59.5	62.5	65.5	μm	Measured
Clad Diameter	123	125	127	μm	Measured
Core/Clad Offset	0		3	μm	Measured
Coating Diameter	230	245	260	μm	Measured
Proof test Level	200		220	kpsi	Measured
Operating Temperature Range	-55		125	°C	Design
Comments	Refractive Index Profile: Graded Index Coating Requirements: Dual Layer, High Temperature Acrylate Radiation Requirements: Radiation Resistant Bend Radius: Long-Term ? 25 mm				



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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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