



FUD-4152, Revision: C GI-100/330-29FA 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		1600	nm	Design
Cladding Attenuation at 1095 nm	0		15	dB/km	Measured
Core Attenuation at 850 nm	0.2		8	dB/km	Measured
Core Attenuation at 1300 nm	0.2		6	dB/km	Measured
Core NA	0.27	0.29	0.31		Measured
Cladding NA (5%)	0.46				Design
Bandwidth at 850 nm		100		MHz-km	Design
Bandwidth at 1300 nm		100		MHz-km	Design
Core Diameter	96	100	104	µm	Measured
Clad Diameter	323	330	337	µm	Measured
Core/Clad Offset	0		5	µm	Measured
Coating Diameter	520	550	580	µm	Measured
Proof test Level	100		120	kpsi	Measured
Comments	Refractive Index Profile: Graded Index Coating Requirements: Low index polymer.				



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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.