



FUD-3453, Revision: A MM-S105/125-22A-HP 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
Core Attenuation at 850 nm	0.2		20	dB/km	Measured
Core Attenuation at 1064 nm	0.6		20	dB/km	Measured
Core NA	0.21		0.23		Measured
Core Diameter	103		107	μm	Measured
Clad Diameter	124		126	μm	Measured
Core/Clad Offset	0		3	μm	Measured
Coating Diameter	230		260	μm	Measured
Proof test Level	100		120	kpsi	Measured
Operating Temperature Range	-40		85	°C	Design
Comments	Matched or Depressed Cladding: Depressed Cladding Step or Graded Index: Step index core Low or High -OH Core: Low OH Core Special Core Dopants: Si Special Deposited Cladding Dopants: Si/F Coating Requirements: UV Cured Dual Acrylate. Other Requirements: Background loss at 850 nm and 1064 nm to be provided.				



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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.