



# FUD-3849, Revision: A MM-S105/125-22A-HTA 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 NA	0.2	0.22	0.24		Measured
Core Diameter	102		108	μm	Measured
Clad Diameter	123		127	μm	Measured
Core/Clad Offset	0		3	μm	Measured
Coating Diameter	230		260	μm	Measured
Long Term Bend Radius	25			mm	Design
Short Term Bend Radius	12			mm	Design
Proof test Level	100		120	kpsi	Measured
Operating Temperature Range	-55		125	°C	Design
Comments	Low or High -OH Core: Low Coating Requirements: UV-Cured, High Temperature Acrylate				



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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.