



FUD-3734, Revision: A MM-S105/125-22A-HYT 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
Operating Temperature Range	-40		85	°C	Design
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
Buffer Diameter		900		µm	Design
Long Term Bend Radius	25			mm	Design
Short Term Bend Radius	12			mm	Design
Proof test Level	100		120	kpsi	Measured
Comments	Low or High -OH Core: Low Buffer Requirements: 900micron Hytrel Buffer. Coating Requirements: UV Cured, dual acrylate coating Customer Comments: Fiber tested prior to any jacketing.				



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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.