



# FUD-3659, Revision: A MM-S220/242-22A-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		8	dB/km	Measured
Customer comment:	Heraeus reported values, to be reported but are not specified.				
Core Attenuation at 1064 nm	0		15	dB/km	Measured
Customer comment:	Heraeus reported values, to be reported but are not specified.				
Core Attenuation at 1385 nm	0		30	dB/km	Measured
Customer comment:	Heraeus reported values, to be reported but are not specified.				
Core NA	0.21		0.23		Measured
Customer comment:	Core NA is the value provided by Heraeus, measured on the preform.				
Core Diameter	217		223	μm	Measured
Clad Diameter	240		244	μm	Measured
Core/Clad Offset	0		3	μm	Measured
Coating Diameter	305		335	μm	Measured
Proof test Level	100		120	kpsi	Measured
Operating Temperature Range	-40		85	°C	Design
Comments	Matched or Depressed Cladding: Depressed Step or Graded Index: Step Low or High -OH Core: Low Special Core Dopants: Pure Silica Special Deposited Cladding Dopants: Fluorine Coating Requirements: UV Cured, Dual Acrylate Coating				



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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.