FUD-4008, Revision: A
GI-50/125-20-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		1350	nm	Design
Core Attenuation at 850 nm	0		3.5	dB/km	Measured
Core Attenuation at 1300 nm	0		1.2	dB/km	Measured
Core NA	0.185		0.215		Design
Bandwidth at 850 nm	500		10000	MHz-km	Measured
Bandwidth at 1300 nm	500		10000	MHz-km	Measured
Core Diameter	47		53	µm	Measured
Core Non-Circularity	0		5	%	Measured
Clad Diameter	123		127	µm	Measured
Clad Non-Circularity	0		2	%	Measured
Core/Clad Offset	0		3	µm	Measured
Coating Diameter	235		255	µm	Measured
Long Term Bend Radius	13			mm	Design
Short Term Bend Radius	6			mm	Design
Prooftest Level	200		220	kpsi	Measured
Operating Temperature Range	-60		135	°C	Design

Comments

Step or Graded Index: Graded Index
Coating Requirements: High Temperature acrylate coating.
Other Requirements: High Temperature acrylate coating being used. Shipping spools need the following requirements: Flange diameter of 235 to 236 mm and a spool width of 120 mm, max. Shipping spool length is 4.4 km or according to the Purchase order / as available in finished goods inventory.

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Nufern products are manufactured under an ISO 9001:2008 certified quality management system.

RoHS