



FUD-4267, Revision: A MM-S50/70/360-22FA 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
Cladding Attenuation at 1095 nm	0		15	dB/km	Measured
Core NA	0.2	0.22	0.24		Measured
Cladding NA (5%)	0.46				Design
Core Diameter	50		52	μm	Measured
Inner Clad Diameter	70		73	μm	Measured
Clad Diameter	360		374	μm	Measured
Coating Diameter	550		590	μm	Measured
Short Term Bend Radius	18			mm	Design
Long Term Bend Radius	54			mm	Design
Proof test Level	100		120	kpsi	Measured
Comments	Matched or Depressed Cladding: Depressed Fluorine-doped Silica inner cladding. Low or High -OH Core: OH content is < 1 ppm by design. Special Core Dopants: Pure Silica Core. Coating Requirements: Low Index Polymer Coating Other Requirements: Round Fiber. Fiber designed to have a pure silica core of 50 to 52 microns , a depressed inner cladding greater than 70 and less than 73 microns, and a pure silica outer cladding of 360 to 374 microns.				



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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.