



FUD-4271, Revision: A MM-S50/70/480-22S-TN 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	50		52	µm	Measured
Inner Clad Diameter	70		73	µm	Measured
Clad Diameter	480		500	µm	Measured
Coating Diameter	560		600	µm	Measured
Jacket diameter	713		787	µm	Measured
Short Term Bend Radius	24			mm	Design
Long Term Bend Radius	72			mm	Design
Proof test Level	70		100	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: Thermally cured, silicone 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 480 to 500 microns. Jacket Requirements: Transparent Nylon Jacket.				



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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.

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