



FUD-4305, Revision: A 1310-GDF 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 | 1300 | | 1600 | nm | Design |
| Core Attenuation at 1310 nm | 0 | | 2 | dB/km | Measured |
| Core Attenuation at 1550 nm | 0 | | 1 | dB/km | Measured |
| Cutoff | 1190 | | 1290 | nm | Measured |
| Mode Field Diameter at 1310 nm | 8.2 | | 10.2 | μm | Measured |
| Mode Field Diameter at 1550 nm | 9.2 | | 11.2 | μm | Measured |
| Core Diameter | | 7.8 | | μm | Design |
| Clad Diameter | 124 | | 126 | μm | Measured |
| Core/Clad Offset | 0 | | 0.5 | μm | Measured |
| Clad Non-Circularity | 0 | | 2 | % | Measured |
| Coating Diameter | 235 | | 265 | μm | Measured |
| Cladding NA (5%) | 0.46 | | | | Design |
| Core NA | | 0.13 | | | Design |
| Cladding Attenuation at 630 nm | 0 | | 30 | dB/km | Measured |
| Cladding Attenuation at 1095 nm | 0 | | 15 | dB/km | Measured |
| Proof test Level | 100 | | 160 | kpsi | Measured |
| Comments | Step or Graded Index: Step index Coating Requirements: Low Index 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.