



FUD-4087, Revision: C CMS-10 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 | 1400 | | 1600 | nm | Design |
| Core NA | | 0.11 | | | Design |
| Cutoff | 1280 | | 1480 | nm | Measured |
| Mode Field Diameter at 1550 nm | 10.8 | | 12.8 | μm | Measured |
| Core Diameter | | 10 | | μm | Design |
| Clad Diameter | 124 | | 126 | μm | Measured |
| Core/Clad Offset | 0 | | 0.5 | μm | Measured |
| Coating Diameter | 230 | | 260 | μm | Measured |
| Coating-Clad Concentricity | 0 | | 5 | μm | Measured |
| Proof test Level | 200 | | 220 | kpsi | Measured |
| Operating Temperature Range | -55 | | 85 | °C | Design |
| Comments | Photosensitivity Requirements: Photosensitive Fiber. Target Photosensitivity ratio between the cladding and core to be 1.75 Other Requirements: UV Cured, Dual Acrylate Fiber. | | | | |



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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.