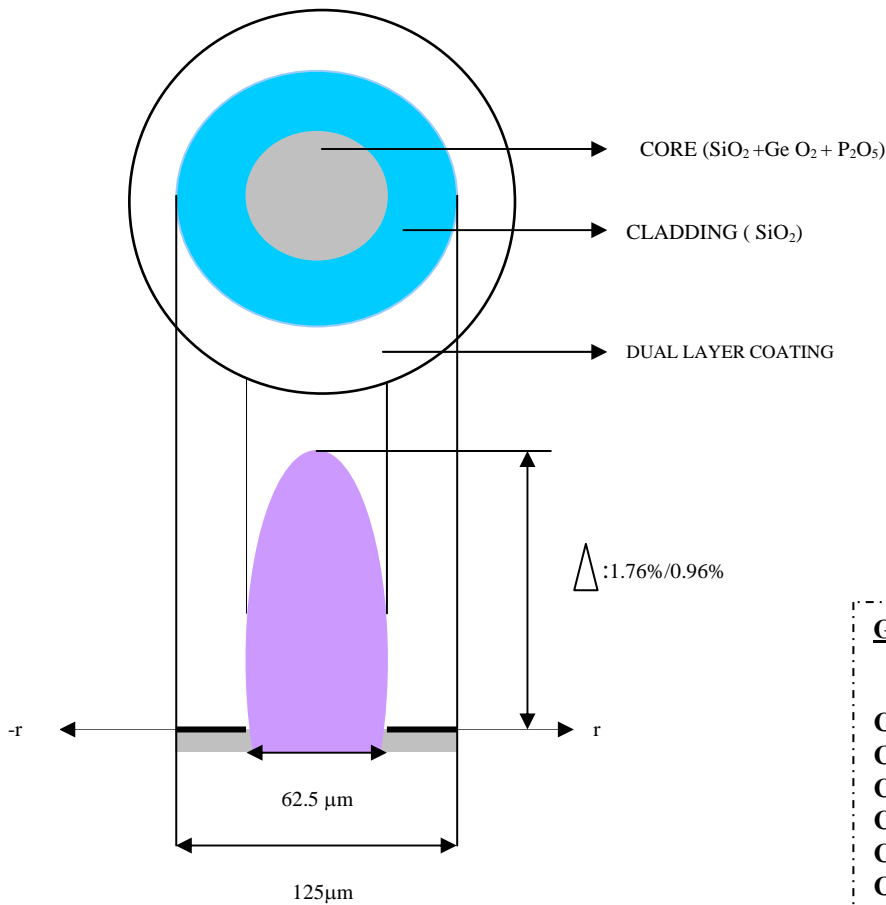


MULTI MODE FIBER SPECIFICATIONS

62,5 / 125 μm Multimode Optical Fiber



CORE DIAMETER : 62,5 \pm 2,5 μm

ATTENUATION

- $\leq 3,0 / 0,7$ dB/km at 850/1300 nm
- No point discontinuity greater than 0,1 dB
- Water Peak at 1383 \pm 3 nm $\leq 2,0$
- Macrobending 75 mm 100 turns

$\leq 0,5$ dB at 850/1300 nm

| Wavelength (nm) | Bandwidth (MHz.km) |
|-----------------|--------------------|
| | Standard |
| 850 | 160 \uparrow |
| 1300 | 500 \uparrow |

GEOMETRICAL SPECIFICATIONS

| | |
|---|-------------------------------|
| Cladding Diameter | : 125 \pm 1,5 μm |
| Core-Cladding Concentricity | : $\leq 1,5$ μm |
| Cladding non-Circularity | : $\leq 1,5$ % |
| Core Non-Circularity | : $\leq 5,0$ % |
| Coating Diameter | : 245 \pm 8 μm |
| Coating / Cladding Concentricity | : ≤ 10 μm |

| Test Conditions | Induced Attenuation (dB/km) | |
|--|------------------------------|-------------|
| | 850 nm | 1300 nm |
| Temperature Dependence -60 ⁰ C to +85 ⁰ C | $\leq 0,20$ | $\leq 0,20$ |
| Temp-Humid Cycling -10 ⁰ C to +85 ⁰ C | $\leq 0,20$ | $\leq 0,20$ |

PERFORMANCE SPECIFICATIONS

Effective Group Index of Refraction (N_{eff})

- 850 nm 1,496
- 1300 nm 1,487

Fatigue Resistance Parameter (nd) 20

Coating Strip Force

- 1,3 N \leq S.F. \leq 8,9 N