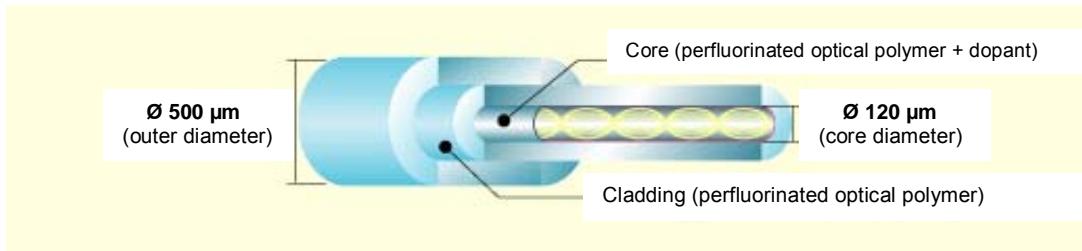


Lucina is a super high-speed graded-index (GI) perfluorinated optical fiber.



- Graded Index profile and low material dispersion offers high bandwidth
- Large core diameter offers ease of connections
- Ease of wiring because of polymer optical fiber
- Excellent transparency due to the perfluorinated polymer from 850nm to 1300nm wavelength

Features of Lucina fiber

It has low attenuation between 650 and 1300 nm.

It shows high penetrability, especially at wavelengths of 850 nm and 1300 nm.

Flexibility & Safety: As Lucina is not brittle, it is hard to be broken.

High tensile- strength & high allowable compression load: It can be trampled or stretched. (Allowable compression load: 1400 N/10cm, tensile strength: 220N)

Easy handling: Flexibility (Minimum bend radius 10mm) and easy installation of connectors. Can be handled as easily as copper cables.

Lineup of Lucina Cables

- Use of multiple-core cables and branch boxes dramatically reduces installation costs even in large, tower-type condominiums or office buildings.
- Lucina's excellent bending and tensile strength enables easy installation.

Branch Box

This system enables simple branching of a multi-core cable to duplex cables in condominiums, office buildings or other high-rise buildings.

Applications
Video Conferencing IP Education IP broadcasting Monitoring system