



Alcatel's GLight™ fibers are guaranteed for up to 1Gb/s Ethernet transmission at 850nm and 1300nm over distances of 2000 meters, without the need for a mode conditioning patchcord. GLight™ fibers are also fully compatible with all the major industry network protocols available on the market today, including Gigabit Ethernet, Fast Ethernet, FDDI, ATM, and Token Ring.

tight buffer cable. All of Alcatel's Multimode fibers are further enhanced with Alcatel's revolutionary and unique processes, including the Alcatel Fiber Coating (AFC™) process. The AFC coating ensures fiber durability and robustness even in harsh environments. Additionally, Alcatel's Multimode fibers benefit from the Furnace Chemical Vapor Deposition (FCVD) process. The FCVD process ensures superior geometry and uniformity as well as enhanced purity.

Additionally, GLight™ fibers are guaranteed for use in a variety of cables, including loose tube and



**Alcatel's GLight™**

family of multimode fibers is the new generation of graded index Multimode fibers designed specifically for laser applications and high bit-rate networks. The fibers have been designed to satisfy the increasing pressure on service providers to support the exponential growth in high-speed transmission over shorter distances, including corporate and campus environments.

As one of the world's largest manufacturers of communications products, Alcatel has the expertise, technology and manufacturing resources to provide end-to-end solution to support your fiber, cable, and systems requirements.

FEATURES	BENEFITS
▶ Optimized to take advantage of lower-cost transceivers (LEDs, VCSELs)	▶ Significant cost savings
▶ Guaranteed for up to 1 Gb/s Ethernet transmission at 850nm and 1300nm over extended distances, without a mode conditioning patchcord	▶ Enhanced transmission performance and distance ▶ Operational flexibility
▶ Compatible with all major network standards, including FDDI, Ethernet, Fast Ethernet, Token Ring and ATM	▶ Safeguards the future evolution of your network
▶ Utilizes Alcatel's proprietary Furnace Chemical Vapor Deposition (FCVD) process	▶ Ensures fiber with superior geometry and uniformity, as well as enhanced purity
▶ Utilizes Alcatel's unique AFC™ fiber coating, specially formulated for Multimode	▶ Provides superior durability and robustness even in the harshest conditions, resulting in lower maintenance and replacement costs

**KEY INDUSTRY LEADING MILESTONES**

- ▶ **1999-** Introduced Alcatel's AFC™ coating specifically designed to provide superior aging
- ▶ **2000-** Introduced Alcatel's proprietary Furnace Chemical Vapor Deposition (FCVD) fiber production process to ensure the highest quality fiber
- ▶ **2000-** Introduced GLight™ family of Multimode fibers, specifically designed to support 1 Gb/s Ethernet transmission at 850nm and 1300nm



