

Blolite® Blown Fiber Technology— Revolutionizing Fiber Networks 7

Blown Fiber Technology

Blolite® Blown Fiber technology provides unparalleled flexibility in network design—anticipating and facilitating future changes as the network evolves. The Blolite® System delivers the ultimate fiber solution for backbone and Fiber-To-The-X (FTTX) applications. The best long-term choice for your business, our Blown Fiber technology will continue to provide significant and measurable time, cost and service benefits to the network throughout its life cycle.



How Does It Work?

Small, flexible, empty Microduct tubes are initially installed, and compressed air is then used to blow the optical fiber through the Microducts. As a result of our material and design technology, our blown fiber system offers the opportunity to install fiber through difficult runs and further distances where installation of traditional optical fiber would be challenging and expensive. This enhanced feature sets our system apart from others available in today's market. Microduct eliminates potential damage to fibers during installation since empty Microducts are installed initially, and fiber is blown in later.

Because the Blolite® System is based upon simultaneously blowing individual fibers into each Microduct, designers have maximum flexibility regarding the number and type of fibers per Microduct. Color-coded fibers are typically supplied on master spools and cut to length during the blowing process. If necessary, routes can even be reconfigured on the fly during the installation process.

