

## Install Fiber Optic Cable Anywhere with Teksys

Teksys is one of only three providers in the U.S. selected to offer a revolutionary new fiber optic installation developed by TRAXyL. TRAXyL's non-trenching method allows fiber optic cable to be installed virtually anywhere there is pavement!

### Ditch Expensive, Time-Consuming Fiber Installation

Extending fiber optic cable to provide high-speed internet access to the last mile is costly and disruptive. Trenching slices through streets, curbs, parking lots and even utilities, resulting in the need for repairs or extra permits. Micro-trenching techniques can damage pavement or surrounding buildings. Overhead lines are not always a good option as they are unsightly and can be damaged by storms.

### Introducing FiberTRAX Fiber Optic Cabling Without Trenches

The National Science Foundation provided grants to TRAXyL to develop and test FiberTRAX. The agency focuses on products with the ability to make big, long-term impacts on society. FiberTRAX definitely fit the bill.

FiberTRAX materials were rigorously tested before being put into production. In a testing environment, temperatures were cycled between 18 degrees and 158 degrees Fahrenheit. A weighted wheel fixture rolled over a section of FiberTRAX nearly 700,000 times with no loss in optical signal.

### Benefits of FiberTRAX

Teksys eliminates disruptive and expensive fiber optic installation by using TRAXyL's FiberTRAX to:

- Complete projects in hours and days instead of weeks and months
- Avoid existing and unseen underground hazards
- Reduce per-foot installation costs by up to 90%
- Extend existing networks easily
- Create network redundancy and route diversity

**FiberTRAX quickly delivers broadband service to anyone by installing fiber in difficult-to-reach locations in hours or days instead of weeks or months. With FiberTRAX, you can “paint” fiber optic cable on any roadway or similar surface, allowing for rapid deployment of fiber without the need for new permits or traffic flow disruptions.**

## How is FiberTRAX Different?

FiberTRAX provides minimal intrusion with maximum access. Optical fibers are laid in the desired location. They are covered with extremely rugged steel armor, an elastic bond coat and a protective topcoat. The entire assembly is 5-8 mm tall – about the height of the crosswalk paintline.

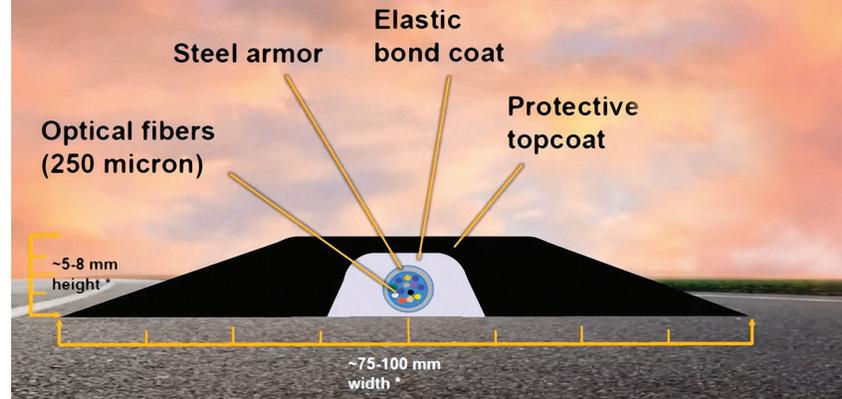
The minimal profile makes FiberTRAX ADA-compliant. FiberTRAX can be applied up a wheelchair ramp with no disruption. FiberTRAX blends into most surface colors and is more visually appealing than the ugly tar lines seen in parking lots. It is even available in a variety of colors!

## Deliver Broadband to Everyone

Infrastructure in the U.S. desperately needs an upgrade. As witnessed by the goals of the American Jobs Plan, the U.S. government aims to "... bring affordable, reliable, high-speed broadband to every American, including the more than 35 percent of rural Americans who lack access to broadband at minimally acceptable speeds."



### FiberTRAX Profile



To meet this challenge, enhanced options are critical to extend fiber to people in hard-to-reach locations. FiberTRAX provides an unprecedented opportunity to finally deliver broadband to all Americans, in a fraction of the time and for a significantly lower cost than traditional methods.

Teksys, Inc., a trusted provider of security and connectivity solutions, and TRAXyL are making high-speed fiber optic data connectivity affordable and accessible to everyone.

Contact us today to  
schedule your installation!

[www.teksys.com](http://www.teksys.com)  
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