

 NANO FIBER

&

 **TRAXyL**
Here to anywhere.

1-844-nanoFIBER

POINT  POINT



“Engineering with a Purpose”

**Designing and Building Solutions
to simplify the installation and
long-term maintenance & high-
speed data systems.**

The **Problem:** Trenching



Buried Fiber

- Expensive, disruptive, and destructive
- Unpredictable costs
- Weeks or months to install
- Road closures and delays
- Unpredictable damage to existing utilities

The **Solution:** *FiberTRAX*® with nanoFiber



“Paint on” Fiber

- Cost-efficient, versatile, and quick
- Predictable costs
- Bonds fiber to pavement
- Encases fiber in protective coatings
- Fast install and no cutting required

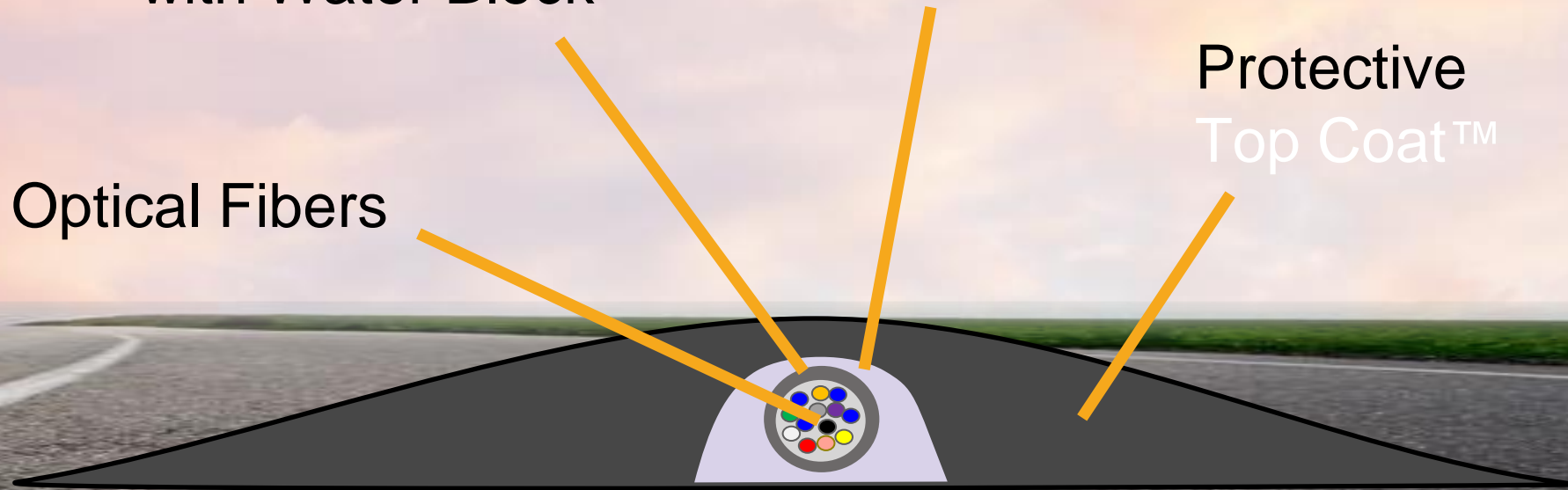
FiberTRAX Cross-section

nanoFIBER
Steel Armored Fiber
with Water Block

Elastic
Bond Coat™

Protective
Top Coat™

Optical Fibers



DIMENSIONS:

FiberTRAX
width: ~100 mm

FiberTRAX
height: ~8 mm

Cable
diameter: 3-5 mm

Size exaggerated, not to scale.

The **Solution:**
FiberTRAX
with nanoFiber



Why *Fiber*TRAX with nanofiber?

- **Efficient**
On-demand install at 1,000 feet per hour and at low cost
- **Convenient**
Easy to use and deploy
- **Enhanced Reliability**
Redundancy and diversity of routes
- **Improved Performance**
Handle today's extreme bandwidth demands

(1) Time and cost figures are management estimates based on typical conventional installation projects.

NanoFIBER PE Armor

Outdoor PE Armored Optical Cable (12F-A2)

nanoFIBER PE Singlemode OS2 12 strand fiber with our stainless-steel armoring deploys an award winning, and UL Listed coiling technology that wraps around the inner jacket of the fiber optic cable.

This technology protects the bend radius, poor installation practices, as well as crush resistant that can cause signal loss of the fiber optic cable when not protected.

Polyethylene PE



PE has excellent properties of moisture and weather resistance and has good electrical properties over a wide temperature range. It's also abrasion resistant. Typically used as a jacket material for Outside Plant fiber optic cables.

The **Solution:**
FiberTRAX®
with nanoFiber



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