DAYTON PHOTONICS



FIBERLESS OPTICAL BROADBAND

From Fiber to *Fiberless*

B-LINK

The laws of physics limit the bandwidth possible with RF-based wireless technologies. The only way to keep improving broadband speeds is to use the optical signals carried by fiber optics. *B-Link*, a new product by Dayton Photonics, provides an **11 Gb/s broadband *fiberless* optical link**.

A New Tool for the Middle Mile

B-Link brings the **high performance** of fiber optics together with the **ease of use** of wireless RF. This is critical in the "Middle Mile" between fiber mainlines and ISP customers.

- **Identical signal to fiber optics**
- **Compatible** with all existing comms technologies
- **Automatic** signal acquisition & continuous signal optimization
- **No** specialized technician training
- Mount on **any vertical asset**
- **Not FCC regulated**

Founding Team



Emily Fehrman Cory, Ph.D.
CEO

- tech transfer/ commercialization
- nanofabrication
- photonics



Cullen Bradley
CTO

- optical communication
- lidar
- photonics

Business Model

Hardware Sales

Range of models $20,000-$80,00 per pair
Example sale 38 nodes - $1,520,000

Recurring Revenue

Hardware as a service subscription
Software + hardware service package
Speed testing service package

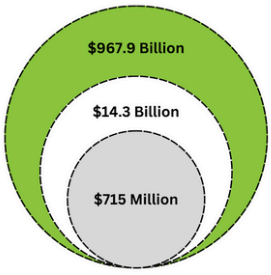
License Agreements

Integrated communications
Redundant communications

Markets

Entering negotiations for a pilot program with a leading Midwest ISP with 7 figure potential

- Broadband ISP
- Private Networks
- Military
- Oil & Gas
- Manufacturing
- Agriculture



TAM: Telecom Equipment

SAM: Free Space Optical Communications

SOM: 5% market share

CAGR 31.3%

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