DAYTON PHOTONICS



FIBERLESS OPTICAL BROADBAND

From Fiber to *Fiberless*

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

B-LINK

System Specifications

Availability	Q4 2024
Bandwidth	11 Gb/s
Latency	2-3 ms
Range	4 miles
Dimensions	8 x 8 x 8 inches, 8 lbs
Interface	Optical / Ethernet / Thunderbolt
Control	App - Cell or Computer
Power	50 W

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