

NOKIA

Fiber broadband: the road to bridging the digital divide

Nokia is the first to manufacture fiber broadband solutions for BEAD program in the U.S.

Why is broadband essential?

↑ Higher property values

↑ Increased job and population growth

↕ Higher new business formation, lower unemployment

10% increase in broadband access = 1.2% jump in real per capita GDP growth*

*The World Bank

Why fiber broadband?

Welcome to Fiberville

A guaranteed gigabit for every home

Broadband speeds
~~25 million bps~~

1 billion bps

⌚ **Faster:**
• Delivers multi-gigabit services to every user

🌱 **Greener:**
• Operates with 12x less energy than copper networks
• Reduces the release of greenhouse gases

📅 **Future-proof:**
• Fiber optic cables have a 25+ year lifespan for virtually unlimited bandwidth

How is Nokia investing in America?

Nokia is dedicated to connecting people, homes and communities across underserved America

70% of fiber broadband lines in North America are powered by Nokia

9 Nobel prizes for Nokia Bell Labs

19,000+ US patents

7,600 US-based employees

Nokia is the first to manufacture fiber broadband solutions for BEAD program in the U.S.

To learn more about our solutions visit www.nokia.com/networks/rural-broadband/