

# Why Fiber?

## MORE BANDWIDTH.

Fiber-optic broadband technology features the ability to transport massive amounts of data at very high speeds. This means homes and businesses can access a wide variety of voice, data and video services. Fiber can provide more bandwidth over greater distances than traditional broadband technologies.

## FUTURE GROWTH.

Fiber-optic technology is considered to be “future-proof” because its high-bandwidth capabilities will accommodate the continued growth of the Internet and its various applications. In fact, fiber from the 1980s is still carrying information between the United States and Europe.

## INCREASED PROPERTY VALUES.

Multiple studies have shown that access to a fiber-optic network increases a home’s value. According to a study conducted by the Fiber to the Home Council, customers familiar with fiber would spend an average of 0.8% more on a home with access to fiber-optic technology.

## How does it work?

A laser sends information via signals of light over glass strands that are each approximately the size of a human hair. These strands are bundled together into fiber-optic cables, placed into a protective casement and buried in the ground or placed onto poles.

## What’s the difference between fiber and copper?

With traditional copper lines, a signal can travel only a few hundred yards before degrading, resulting in limited bandwidth. Fiber-optic cable, however, can transmit large amounts of data quickly across great distances with very little loss of signal. This makes it especially effective in rural areas. Fiber-optic technology is also less susceptible to external interference than copper.

## How will construction go?

Crews first bore holes and bury conduit piping. Fiber-optic cable will then be placed in the conduit. As crews move across the area, individual homes and businesses can be connected.

## What is involved with installation?

If you choose to sign up for service, a Socket representative will answer your questions and determine the best path to run the fiber-optic cable to your home. A small Optical Network Terminal (ONT) box will be placed at your home. Depending on your services and setup, you may connect your devices directly to the box or integrate it with the inside wiring in your home.

## How do I sign up or learn more?

Guaranteed download speeds of 100 Mbps, 200 Mbps, and 300 Mbps will be available for purchase with phone and Internet bundles as low as \$70/month. The installation fee can be waived when you sign up while construction crews are in your neighborhood. Contact us for complete details and to make sure we have your contact information.

