

A Better Way to Connect

3 Rivers Communications has always offered value and quality. And a big part of quality is reliability. That's why we use fiber optics whenever possible. Fiber optic technology has not only proven to be a more reliable and efficient way to serve our telephone and Internet customers, it also positions us to better meet your future needs.

Fiber Optics

Most people currently receive telephone and Internet services via copper wire, which has a limited bandwidth capacity and can be very slow in receiving and transmitting data. The farther your home or office is from a central office, the slower your data delivery is. Fiber optic cable, on the other hand, is a thin strand of glass that allows pulses of light (data) to pass from one end to the other. Since light can travel great distances over fiber optic cable without any weakening of the signal, the speed of data delivered via fiber optic cable is not distance-dependent. And fiber optic cable has a much greater bandwidth capacity than copper, which means you can transfer more data to and from your home or office at a much faster rate.

More speed. More bandwidth. Right to your home or office.

There are two different ways we use fiber optics to connect our customers. The first is referred to as "Fiber-to-the-Curb" in which we use fiber optic lines that run to the edge of your property then traditional copper wires run from the curb directly to your house or office. This eliminates the sluggishness created by distance problems when only copper wire is used.

"Fiber-to-the-Premises" (FTTP), meanwhile, refers to the installation of fiber optic cables directly to your house or office. This provides even more capacity for providing fast transfers of large amounts of data.

Preparing you for the future.

As 3 Rivers deploys fiber optics throughout our network, you'll continue receiving the same dependable Local and Long Distance Telephone service you've come to expect. Fiber gives us increased capacity—we'll be able to offer you enhanced services all over the same landline, including faster Broadband Internet speeds, Digital Television (including High Definition TV) and more.

This technology still leaves additional bandwidth for future applications. While it's impossible to know what your future bandwidth needs will be, we know for sure that fiber optic cable will be much more capable of handling those needs than will copper.

Other broadband technologies used today, such as wireless and cable modem, are already struggling to provide bandwidth-heavy services. Fiber optics ensures that as more products and services become broadband-enabled, your connection is powerful enough to take it—today and tomorrow.

