



What is Dark Fiber?

Dark fiber refers to the hair-thin glass strands that are pulled through ducts or conduit, typically buried underground, to which optical equipment can later be attached.

Once laid, however, the fiber is capable of scaling to massive bandwidth capacity based on the optical transport equipment attached to it. Due to fiber optic cable's ability to handle high capacity, high bandwidth transport, it is an example of an "advanced broadband technology that, if widely deployed, could better position the nation's broadband infrastructure for continued evolution.