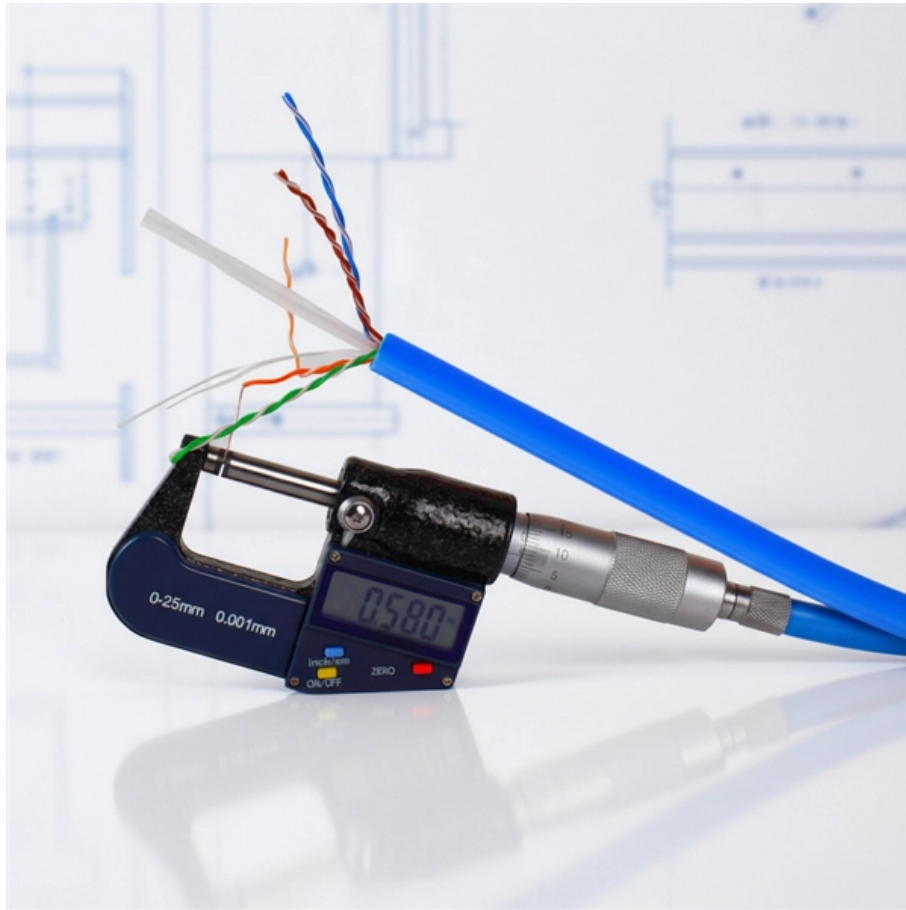


Fiber optic communication involves all equipment





Fiber optic communication involves all equipment

What Optical Equipment is Needed for Fiber Optic

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FIBER OPTICAL COMMUNICATIONS (R17A0418)

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The optical-fiber communication system basically consists of optical-fiber cables, light transmitters, amplifiers, and light receivers as illustrated in Figure 1a.

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Fiber-Optic Communication

D Fiber-Optic Communications are Developing Rapidly and will Gradually become a



Major means of Transmission In 1981, optical cable sales reached \$65 million and sales of optical communications

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Fiber optic communication systems use light pulses to transmit information over long



distances via optical fibers. These systems rely on three

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Optical fiber

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Why Optical Communications? Optical Fiber is the backbone of the modern communication networks
The Optical Fiber Carries: Almost all long distance phone calls
Most Internet traffic (Dial-up, DSL or

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Basics of Fiber Optics

The second method involves the uses of fiber optic connectors. A connector terminates the optical fiber inside a ceramic ferrule, using epoxy to hold the fiber in place.

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