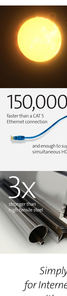
CORNING

The Evolution of Optical Fiber

Fiber today

Today, fiber goes faster and farther than anyone ever dreamed possible. Thanks to Corning innovations, optical fiber is pushing bandwidth limits and creating a more connected world.



Simply put, today's high-speed connections for Internet, voice, and video would not be possible without Corning innovations in optical fiber.

Fiber through the years

For more than five decades, Corning optical fiber innovations have revolutionized the way the world communicates and connects.

Three Corning scientists achieve a breakthrough by creating the first low-loss optical fiber for telecommunications.

Corning single-mode fiber is used for the first long-haul network, connecting New York to Washington, D.C.

Corning takes connections underwater, delivering low-loss performance for submarine networks.

Corning receives the U.S. National Medal of Technology for life-changing and life-enhancing inventions.

Long-haul Corning® LEAF® optical fiber helps networks connect farther and faster.

Ultra-bendable Corning® ClearCurve® optical fiber fundamentally changes the way fiber is deployed, helping bring fiber into the home.

Corning introduces SMF-28® Ultra 200 optical fiber, a smaller diameter fiber enabling higher density and providing the bend and low-loss attributes of SMF-28® Ultra fiber.

Corning wins a Technology and Engineering Emmy® award from the National Academy of Television Arts and Sciences for its 1970 invention of low-loss optical fiber.

Corning delivers its one billionth kilometer of optical fiber.

Corning® TXF® fiber enables increased capacity in the face of the Shannon limit.

Corning celebrates its 50th anniversary of the invention of low-loss optical fiber.

Corning introduces SMF-28® Contour optical fiber, a first-of-its-kind combination of ITU-T G.657.A2 bend resilience, 9.2 micron mode field diameter, and industry-leading low loss.

Corning inventors of bend-insensitive fiber inducted into the National Inventors Hall of Fame.

To learn more about Corning's optical fiber innovations, visit www.corning.com.

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