



# Earth-crossing communication optical cable buried

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These invisible highways, consisting of fiber-optic wires connecting landing points, are placed hundreds of metres below the surface of the ocean by cable-laying ships.

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There are 1.4 million km (870,000 miles) of telecommunication cables on the seafloor, covering every ocean on the planet. Laid end to end, these cables would span the diameter of the ...

Undersea cables, also known as submarine communications cables, are fiber-optic cables laid on the ocean floor and used to transmit data between continents.

That's the real story of subsea cables--not sabotage or sharks, but the humans who take care of the physical stuff that keeps all of our digital ...

Fiber internet is going underground--literally. As the demand for faster, more reliable connections grows across the U.S. and globally, companies are rethinking how and where fiber lines ...

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The internet's power and speed come from vast networks of fiber-optic cables buried deep beneath oceans, linking the continents. These cables are marvels of engineering. They're made of...

Much of the internet, phone systems, television and other high-speed communications relies on a world-girdling network of fibre-optic cables. By one estimate, more than 4 billion kilometres of such cables ...

In the deep, open ocean, the cable is often laid directly onto the seabed. However, in shallower waters closer to shore, where the risk of damage is highest, a subsea plough is used to dig ...



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The cables at the heart of the lightspeed, globe-spanning internet run across the grimy, perilous, inaccessible deeps of the sea, in places no one ever sees or visits - until the cables break.

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