

Comparison of Optical Cables for Internet Connections between China and Russia

Russia's only plant - Optic Fiber Systems in Saransk - halted operations in spring 2025 after a Ukrainian drone attack. Since then, all fiber has been imported from China, as purchases from ...

Six undersea cables in the Baltic Sea and Taiwan Strait have been severed since November. Russia and China may be exploiting gaps in international law.

The average price for a kilometer of fiber-optic cable critical for Russian battle drones has more than doubled in China, with some spot markets putting the increase as high as 400 percent, a ...

The factors determining the dynamics of the development of the optical cable market are highlighted, and the demand for products in developed and developing countries is analyzed, which ...

Since the beginning of 2026, Chinese manufacturers have increased prices for fiber optic cables for Russian customers by 2.5-4 times. This was announced by Anastasia Bidzhelova, Development ...

Western governments have been quietly concerned about the security of undersea cables, which carry most of the world's internet traffic, for many years.

Recent developments in the mapping of undersea cables between China and Russia have raised significant geopolitical concerns, particularly regarding data security and surveillance.

More than 400,000 km of cables need to be replaced in Russia by 2030. More than half (50-70%) of fiber-optic cables in Russia in the west-east direction are close to the age limit.

TeleGeography's comprehensive and regularly updated interactive map of the world's major submarine cable systems and landing stations.

Russia started using fiber-optic drones in spring 2024, and Ukraine followed soon after. Today, both manufacture thousands per month, but China's selective supply policy tips the scales.

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