

Article Overview

Egypt is rapidly expanding its optical fiber cable production through local manufacturing initiatives while still relying on imports to meet domestic demand, with growing export potential in Africa and the Arab region.

Local Production Initiatives

Egypt has recently taken significant steps to establish domestic fiber optic cable manufacturing. A major project involves a partnership between Benya Capital (formerly Fiber Misr) and the Arab Organization for Industrialization (AOI) to build the largest fiber optic cable factory in Egypt, Africa, and the Arab region, with an investment exceeding 1 billion Egyptian pounds at the Suez Canal Economic Zone . This factory aims to increase local production, embed advanced technologies, reduce imports, and support Egypt's digital transformation and smart city projects . The initiative also focuses on training young engineers and technicians in line with the fourth industrial revolution standards .

Key Manufacturers and Suppliers

Several companies are active in Egypt's fiber optic sector:

- o Fiber Com: Designs and implements networking systems, including fiber optic installations .
 - o FiberME Communications: Offers unified communication products and multimedia networking solutions .
 - o Mavencables: Produces electric and fiber optic cables for construction and industrial projects .
 - o Bridge Technologies: Specializes in submarine cable systems and DWDM installation, supporting large telecom operators .
 - o Axxcelera: Provides advanced wireless communication technologies relevant to fiber optic applications .
 - o NextGen Communications: Focuses on Fiber To The Home (FTTH) and Ethernet switching solutions .
- International expertise is also involved, with Corning Incorporated acting as a strategic supplier for the new Egyptian factory, ensuring the latest global technologies are embedded in local production .

Market Dynamics and Trade

Historically, Egypt has relied heavily on imports for optical fiber cables, with major suppliers including China, the UAE, and France, which together accounted for over half of import value between 2020 and 2024 . Egypt's exports, though smaller, primarily target Sudan, the UAE, and Tanzania, with higher average export prices indicating specialization in higher-value products . The Egyptian fiber optic market is expanding due to infrastructure development, including over 5,000 km of new pathways and multiple landing sites to improve network redundancy and efficiency . Subsea cable projects are also underway, connecting Egypt with Italy, France, and Greece, enhancing data transmission and international connectivity .



Egyptian Optical Cable Production

Future Outlook

The combination of local manufacturing, strategic international partnerships, and infrastructure expansion positions Egypt to gradually reduce import dependency and increase its role as a regional supplier of optical fiber cables. The ongoing projects are expected to support national digital transformation, smart city initiatives, and regional telecom connectivity, while creating employment and technological training opportunities .

Understanding these factors can provide a comprehensive view for anyone interested in entering or researching the fiber optic cable

By the numbers: The factory will have a production capacity of 4 mn km of fiber-optic cables and 200k km of copper

Check out our production to the Egyptian and Middle East markets with low, medium and high voltage

In 2020, Benya signed an agreement with the Arab Organization for Industrialization (AOI) to establish the largest factory for fiber

Fiber Optic Cable Companies in Egypt Learn About the Best Companies That Manufacture and Supply Optical Fibers for All Your

Due to increasing deployments in backhaul and last mile networks, initiated by diverse governmental programs, the fiber optic cable

Spread in an area of 70,000 square meters, the state-of-the-art facility specializes in the production of fiber optic

As one of the overseas industrial bases of Hengtong Group was inaugurated in May of 2021 with its location in TEDA Industrial Park

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Fiber Optic Cables Patch Panel ODF Fiber Optic Patch Cord, Pigtail & Adapter Outdoor Termination Box & Closures Media

The concentration of subsea cables funneled through the narrow Red Sea cements Egypt's status as a global hub

Egyptian Optical Cable Production

We manufacture loose tube cables in armored and non-armored options. Every cable comes with specially designed jackets,

Due to increasing deployments in backhaul and last mile networks, initiated by diverse governmental

For those exploring the fiber optic cable industry in Egypt, it is vital to conduct thorough research on these factors to navigate the

Egypt's ambitious digital transformation plans demand future-proof cabling solutions. This means embracing fiber optics, the gold

These agreements include the construction of two factories specializing in the production of fiber optic cables, each with

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