Southern Europe Mobile Fiber Optic Cable Laying



Overview

This visualization shows the growth of the undersea cable network, global internet peering capacity, and the distribution of IP addresses via BGP announcements over time. Use the controls at the top to play the animation or step through year by year. The Medusa submarine cable system is a new transformative, open-access infrastructure connecting North Africa and Europe with high-capacity fiber links. The deployment will bring faster, more reliable connectivity to millions, enabling 5G, cloud, and AI-era technologies, and laying the foundation. In the margins of the Union for the Mediterranean (UfM) Regional Forum and the EU-Southern Neighborhood Ministerial meeting taking place in Barcelona on the 24th of November 2022, the European Commission signed an agreement with the European Investment Bank (EIB) for a €40 million EU grant to. Photo courtesy of ASN Red buoy markers mark the path of a submarine cable being laid in the ocean. Every day, we send countless emails, take part in video calls, use search engines and streaming services, while seamlessly banking online. For more details and insights, please read this. In a similar project, Safaricom's Daraja Fibre Optic Cable Project has seen Meta's support in its development. Meta will back the $23 million that will link

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Mombasa in Kenya to Oman in the Middle East. This cable will span 4,108 kilometers. The total estimated cost of the project amounts to € 342 million. Why Medusa is necessary?

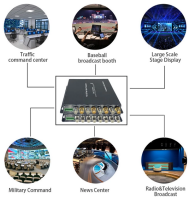
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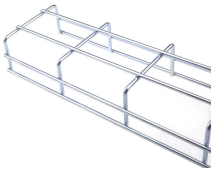
The €342 million MEDUSA project will directly connect, for the first time, the Northern and Southern shores of the Mediterranean Sea and the Southern countries ...



Medusa, the submarine fiber optic cable system owned by AFR-IX Telecom, landed this morning at the cable landing station in Marseille. This marks Medusa''s first landing and represents a ...



The project is partly financed by the European Union. Once done, Medusa will connect major European nations such as Cyprus, Greece, France, Portugal, Italy, and Spain. Furthermore, it ...

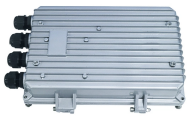


The Medusa subsea cable is a significant step toward closing the digital divide between Europe and North Africa, connecting countries such as Morocco, Tunisia, Libya, Algeria, and Egypt with high ...



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.

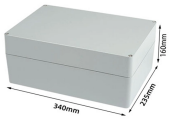
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A big build is coming to northern Europe in 2026, where GlobalConnect will lay four subsea cables connecting Sweden, Estonia and Finland. 300km of cables will be built between Gotland in Sweden ...



With a length of 7,100 km, it will be the longest submarine fiber optic cable in the Mediterranean. The total estimated cost of the project amounts to € 342 million.



The Medusa system will span around 8,700km with 19 landing points, linking 12 countries across North Africa and Southern Europe, including Portugal, Morocco, Spain, France, Algeria, ...



It invested $100 million in producing two specialized fiber-optic cable laying vessels. These included laboratories in the ships for splicing cable and testing its electrical properties.



The €342 million MEDUSA project will directly connect, for the first time, the Northern and Southern shores of the Mediterranean Sea and the Southern countries among themselves via a high-capacity, ...



Explore the physical backbone of the internet with our interactive map of undersea fiber optic cables, peering exchange points, and more. Visualize the growth of global connectivity.

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