

Greece Optical Cable Project

Article Overview

Greece is rapidly expanding its subsea optical fiber infrastructure with ARTEMIS, ANDROMEDA, and Thetis Express, enhancing regional connectivity and establishing the country as a strategic digital hub.

ARTEMIS Subsea Cable

The ARTEMIS project, led by Grid Telecom (a subsidiary of IPTO), is an ultra-high-capacity subsea optical fiber system connecting Crete with mainland Greece. Spanning approximately 280 km, including terrestrial segments, ARTEMIS will interconnect all landing stations and data centers in Crete and the Attica region. The system features subsea repeaters and supports up to 30 Tbps per fiber-pair, with a minimum of 24 fiber-pairs, delivering a total design capacity of 720 Tbps, potentially exceeding 1 petabit per second, making it the first petabit-class subsea cable in Greece and the Mediterranean . ARTEMIS is engineered to support next-generation technologies and aims to transform Crete into a strategic digital hub .

ANDROMEDA Subsea Cable

The ANDROMEDA system is a transcontinental subsea optical fiber cable connecting Greece, Cyprus, and Israel, with extensions to the Arabian Peninsula. Developed jointly by Grid Telecom and Tamares Telecom, ANDROMEDA is designed to create a low-latency telecommunications corridor between Europe and the Middle East. It leverages Greece's strategic location to provide carrier-neutral, open-access connectivity, integrating IPTO's domestic network with international fiber links. The system enhances network diversity, security, and low-latency data transport, suppo...

Article Content

Aug 04, 2025

Grid Telecom to build ARTEMIS subsea cable linking Crete with Attica

Grid Telecom has revealed plans to construct ARTEMIS, a new ultra-high-capacity subsea optical fibre cable system

Jan 24, 2026

Greek-Saudi deal on fiber-optic data cable

Greece and Saudi Arabia agreed on Tuesday on the main terms to set up a joint venture to

Feb 07, 2026

Greece, Saudi Arabia eye fibre optic data cable to link Europe with ...

Greece and Saudi Arabia agreed on Tuesday on the main terms to set up a joint venture to lay a fibre optic data

Mar 06, 2026

Retelit presents the results of the feasibility study for the "Magna ...

Retelit, a leading B2B telecommunications operator in Italy, presented yesterday in Taranto the feasibility study results

May 27, 2026

Submarine Cable Map

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

Dec 29, 2025

Top Fiber Optic Cable Manufacturing Companies in Greece

Asso bsea is a prominent contractor in Greece, specializing in cable projects for both land and sea since 1985. The company

Mar 29, 2026

Egypt plans to extend submarine fiber-optic cable with

Egyptian Minister of Communications and Information Technology Amr Talaat announced

Nov 30, 2025

Greece, Saudi Arabia Said to Partner for Laying Fibre Optic Data Cable ...

Greece, Saudi Arabia Said to Partner for Laying Fibre Optic Data Cable to Link Europe With Asia The final closing of

Nov 07, 2025

GRID TELECOM TO CONSTRUCT ARTEMIS, A NEW

As a result, the system is poised to become the first petabit-class subsea cable in Greece

Jun 15, 2026

Greece ideally located for fiber optic hub, French paper writes

Greece's geographic location positions it as a strategic hub for submarine fiber optic cables, according to Les Echos,

Mar 29, 2026

OTE Group lays the ground for Greece's digital future,

Carrying this significant project out, OTE Group will cover almost 2/3 of Greece's lines with

Dec 09, 2025

Saudi Arabia Redirects Fiber Optic Cable to Greece via

Fiber Optic Cable and Riyadh's Priorities with \$800 Million in Syrian Telecom Sources cited

May 18, 2026

Grid Telecom Starts Building ARTEMIS: Greece's First Petabit-Class ...

Grid Telecom, a wholesale telecommunications provider and subsidiary of IPTO, has announced the construction of

Jul 21, 2026

Grid Telecom to construct ARTEMIS, a new subsea optical fiber cable ...

Grid Telecom, a wholesale telecommunications provider and subsidiary of IPTO, has announced the construction of

Jul 29, 2025

Grid Telecom to Construct ARTEMIS,, a New Subsea Cable

Grid Telecom, a wholesale telecommunications provider and subsidiary of IPTO, has announced the construction of

Feb 27, 2026

Intercontinental sea cable on its way

Underwater and onshore fiber-optic cables will support the transfer of data traffic in the project developed by ADMIE

Apr 21, 2026

The 1,000-Km Undersea Power Cable That Will

Greece and Egypt have reaffirmed their commitment to a power cable designed to transport

Jan 27, 2026

Vodafone to build 180Tbps subsea cable in Greece

Vodafone is significantly expanding its footprint in the Eastern Mediterranean with the announcement of Thetis Express, a new

Jan 21, 2026

Fibre Optic Cable: Greece, Saudi Arabia eye fibre optic data cable to ...

Fibre Optic Cable: The "East to Med data Corridor", an undersea and land data cable, will be developed by MENA

Mar 27, 2026

Tamara Telecom and Grid Telecom progress the

Grid Telecom is developing a growing international optical fiber network that is supported by

Apr 29, 2026

Greece Affirms Mediterranean Power Cable Project Remains on

Greece's Foreign Minister Giorgos Gerapetritis announced Thursday that the ambitious Great Sea Interconnector, a

Oct 15, 2025

France, Cyprus and Greece Partner to Develop Next-Generation

Operator Hellas Sat, the French Space Agency (CNES), Thales Alenia Space and Safran have signed a framework

Aug 27, 2025

Factsheet Medusa is by far the largest submarine cable project in the ...

Medusa is a new submarine communication infrastructure connecting the two shores of the Mediterranean sea. With a length of

Feb 11, 2026

Vodafone to Construct New Subsea Cable System in Greece to Boost ...

Vodafone's Carrier Services unit will construct a fast, high-capacity subsea optical fibre cable system in Greece,

Mar 12, 2026

Greece cable project announced

Grid Telecom is emerging as the prime wholesaler in the Greek market, exploiting IPTO's extensive optical network in

Feb 14, 2026

Nexans to install subsea HVDC cables for Greek interconnection project ...

Nexans will install one 500-MW HVDC cable system to form half of the 1,000-MW bipole interconnection. The

Dec 15, 2025

Grid Telecom to build Artemis subsea cable connecting Crete to

Grid Telecom has announced the construction of ARTEMIS, a subsea optical fiber cable system that will link Crete with

Jan 13, 2026

PPC FiberGrid: FTTH to 1.7 m households in 2025

A new era for telecommunications in Greece is being brought closer by PPC Group. PPC FiberGrid, the PPC

Jan 12, 2026

Top Fiber Optic Cable Manufacturers in Greece

When exploring the Fiber Optic Cable industry in Greece, several key factors should be considered. The regulatory environment is

Jan 27, 2026

GRID TELECOM TO CONSTRUCT ARTEMIS, A NEW

Grid Telecom is developing a growing international optical fiber network that is supported by

Dec 17, 2025

EMC (East-Med Corridor)

ATHENS, July 26 - Greece and Saudi Arabia agreed on Tuesday on the main terms to set up a joint venture to lay a

Dec 26, 2025

Greece and Saudi Arabia plan fibre optic cable to link Europe and Asia

Greece and Saudi Arabia have announced a joint venture to lay subsea and land cables that will link Europe and Asia,

May 21, 2026

Fiber optics: how it will reach 810,000 households and businesses in Greece

The Ultra Fast Broadband (UFBB) mega-project is entering its final stage, which will cover more than 810,000

May 27, 2026

Vodafone Expands Greece's Connectivity with High-Speed Subsea

Vodafone's Carrier Services unit will construct a fast, high-capacity subsea optical fiber cable system in Greece,

May 17, 2026

Saudi Arabia, Greece Set to Build New EMC Data Cable

Saudi Arabia sealed a bilateral agreement with Greece to build a new data cable project that will connect Europe with

Sep 29, 2025

Vodafone links Crete to the 2Africa subsea cable system

The largest subsea cable system in the world, 2Africa, has arrived at Vodafone Greece's

Oct 01, 2025

Greece's Optical Fiber Cables Market Report 2026

The optical fiber cables market in Greece has experienced significant changes from 2020 to 2024, influenced by

Jan 10, 2026

Tamara Telecom and Grid Telecom progress the

The ANDROMEDA optical fiber cable system will interconnect Greece with the Arabian

Feb 25, 2026

320 km fiber optic cable will “connect” Italy with Greece

It took just over two years to build, lay and seal the 320 km submarine fiber optic cable from Crotone in Italy to Preveza.

Contact Us

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