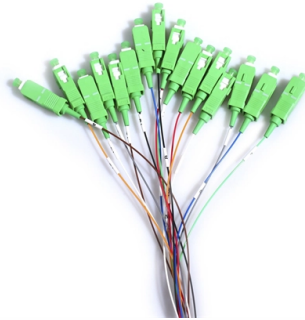


East Asia receives optical cables



AI Overview

East Asia is a major hub for optical cable manufacturing, with leading producers in South Korea, China, and Malaysia supplying both domestic and global markets. Key Manufacturers in East Asia

South Korea: Taihan Fiberoptics is a prominent South Korean manufacturer, offering vertically integrated production from preforms to finished optical cables. The company produces a wide range of products, including aerial cables and high-density narrow cables, and adheres to international standards for global network deployment.

China: Shenzhen Necero Optical Fiber and Cable Co., Ltd., based in Guangdong, specializes in optical fiber and cable products for telecommunications. Established in 1999, Necero serves nearly 100 countries and holds multiple patents in optical cable technology, reflecting China's strong position in high-speed data transmission solutions.

Malaysia: Malaysia hosts a well-established fiber optic manufacturing ecosystem. Leading companies include Opcom Holdings, Tenaga Cable Industries (TCI), Southern Cable Group, and Leader Cable Industry. These manufacturers produce a full range of optical cables, from local broadband networks to submarine links connecting Malaysia with neighboring countries. Their facilities often integrate advanced testing and automated production lines, ensuring high quality and competitive pricing.

Regional Significance

East Asia's optical cable industry benefits from:

- Technological expertise:** Companies like Taihan and Necero have decades of experience and hold patents in fiber-optic technology.
- Vertical integration:** Many manufacturers control the entire production process, from preforms to finished cables, improving quality and efficiency.
- Global reach:** East Asian manufacturers supply both domestic infrastructure projects and international markets, supporting 5G, cloud computing, and broadband expansion.

Conclusion

East Asia plays a critical role in the global optical cable market. South Korea, China, and Malaysia host leading manufacturers with advanced production capabilities, extending their reach globally.

Article Content

The Digital Silk Road in the Indo-Pacific: Mapping China's Vision for ...

The DSR was first mentioned in the National Development and Reform Commission's 2015 "Vision and Actions on Jointly Building Silk Road Economic Belt and 21st-Century Maritime Silk

E2A Consortium Unveils Next-Generation Submarine

The E2A consortium is pleased to announce the start of construction for the new submarine cable system, E2A. The consortium has selected ASN to

Transit Europe-Asia (TEA) Terrestrial Cable Network

The TEA (Transit Europe-Asia) is a terrestrial cable network between Europe and Asia via the territory of Russia. The TEA terrestrial cable network

E2A Consortium Unveils Next-Generation Submarine Cable

The consortium has selected ASN to build a state-of-the-art transpacific fiber optic network spanning approximately 12,500km, designed to significantly enhance digital connectivity

Submarine Cables Are Bridging Asia's Societies

Most internet traffic now travels through submarine fiber-optic cables rather than satellites or overland networks. According to the National Bureau of

APAC fiber deployment expands with national policies, telco strategies

Government-led broadband projects across markets in the Asia-Pacific region have reaped the fruits of success in recent years as optical fiber networks reach most households.

Distribution Map Of Submarine Cables In The World

EAC-C2C is a group of submarine optical cable networks connecting countries in East Asia. It consists of EAC (East Asia Crossing) and C2C (City-to

ARTERIA Networks Participates in "AUG East"-Japan-Singapore

Targeted for completion by the third quarter of 2029, the 8,900 km high-capacity cable system will support the demand for more bandwidth across this route, enhancing digital connectivity

Submarine Cable Map 2024

By continuously progressing its infrastructure and connectivity, offering more resiliency, diversity and protection, Telecom Egypt now owns and operates a

South-East Asia joins Europe's calls to defend subsea

SINGAPORE: Defence officials from Europe and South-East Asia called for stronger collaboration to protect the global network of subsea cables

SJC2 Optical Submarine Cable in Operation

SJC2 enhances submarine cable infrastructure in the region with additional capacity, route diversity, and resilience by strengthening the redundancy of the network to meet the increasing

Asia-Pacific's Fiber Frontier: A High-Speed Adventure to

The deployment of undersea fiber optic cables— exemplified by the Asia-Africa-Europe 1 submarine (AAE-1) cable system spanning over 25,000

Subsea Communication Cables in Southeast Asia: A

Southeast Asia's maritime geography, geological features, and underwater topography render cables in the region vulnerable to several natural

Southeast Asia's undersea cables under great power pressure

Nearly all of Southeast Asia's internet connectivity depends on fragile fibre-optic cables. Any disruption would have significant consequences for the region's digital economy.

Fiber Optic Cables for the Last Mile Market 2025-2030: Industry Sees ...

The report delves into recent significant developments in the Fiber Optic Cables for Last Mile Market, highlighting leading vendors and their innovative profiles.

Four internet cables cut in Red Sea in "exceptionally

Internet cables cut in the Red Sea in "exceptionally rare" incident, disrupting much of Asia, Europe, and the Middle East

Fibre-optic co-development along the Asian highways

In response, some measures have been proposed to lower the construction costs; one of the prominent measures is co-deployment and co

AUG East Consortium and NEC to develop high-capacity submarine cable ...

Singtel and a group of leading telecommunications and tech companies today announced the signing of a contract with NEC Corporation (NEC; TSE: 6701) to build the Asia United Gateway

Asia-Pacific Fiber Optic Cable Market Size, Growth Trends ...

The Asia-Pacific fiber optic cable market is experiencing rapid growth, driven by increasing internet penetration, expanding 5G infrastructure, and the rising demand for high-speed

NEC Completes new Asia Pacific submarine cable

NEC is well-established as a reliable partner in the submarine cable field as a system integrator that provides all aspects of submarine cable

U.S. and China wage war beneath the waves

The two superpowers are vying to control subsea cables, a hidden network that speeds internet data around the globe. This tech war is fueled by

AUG East Consortium and NEC to develop high-capacity submarine cable ...

Designed using the latest submarine fibre optic technologies, AUG East will feature a high-count fibre pair system delivering unprecedented bandwidth capacity, enabling support for

SJC2 optical submarine cable in operation: Press Releases | NEC

SJC2 enhances submarine cable infrastructure in the region with additional capacity, route diversity, and resilience by strengthening the redundancy of the network to meet the increasing

AUG East

The Asia United Gateway East (AUG East) submarine cable system connects Singapore and Japan, with Brunei, Indonesia, Malaysia, the Philippines, South Korea and Taiwan, spanning a

Subsea cables and their importance, explained

What are subsea or undersea cables? They are fibre-optic lines laid on the ocean floor, to transmit multiple terabits of data per second between

Subsea Communication Cables in Southeast Asia: A

Subsea Communication Cables in Southeast Asia: A Comprehensive Approach Is Needed By treating undersea cables as critical infrastructure,

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