

24-core transparent optical cable from the ten ASEAN countries



Overview

The Candle submarine cable system is a 24-fiber pair, 8,000 km submarine cable system connecting Japan, Taiwan, the Philippines, Indonesia, Malaysia, and Singapore, scheduled to begin operations in 2028. A consortium comprising Meta, Softbank, Telekom Malaysia, IPS Inc. It will contribute to infrastructure expansion and secure redundant routes to meet the. A cable ship works on the installation of the very high speed submarine cable "SEA-ME-WE 5" linking Singapore to France (BORIS HORVAT/AFP via Getty Images) By treating undersea cables as critical infrastructure, Southeast Asian stakeholders can better manage geopolitical, environmental, and more. KUALA LUMPUR, September 22, 2025 – TM, Meta, SoftBank Corp., PT XLSmart Telecom Sejahtera Tbk, and NEC Corporation are collaborating to develop the Candle submarine cable system.



Article Content

The Operation of Cross-Border Terrestrial Fibre-Optic Networks

Secondly, the unified mode of construction, operation and maintenance of cross-border terrestrial fibre-optic cable systems requires

National Policies and Projects Driving Fiber Expansion in APAC

Telecom Review Asia Exclusive Interview: Bridging Continents Through the Transformative Power of Fiber Optic

TM joins CANDLE submarine cable system consortium to connect

TM, Meta, SoftBank Corp., IPS Inc., PT XLSmart Telecom Sejahtera Tbk, and NEC Corporation are collaborating to develop the

ASEAN 10 countries large-core optical fiber OS2 inventory

The ASEAN market for optical fibers, bundles, and cables stands at a critical inflection point, shaped by the region's aggressive

ASEAN's Optical Fibers, Bundles and Cables Market Report 2026

The ASEAN market for optical fibers, bundles, and cables stands at a critical inflection point, shaped by the region's

AUG East

The AUG East cable system is supplied by NEC. The AUG East cable system features a high-count fibre pair system

Opti-Core Fibre Optic Indoor-Outdoor 4 Fibre Cable ...

Opti-Core™ Fibre Optic Indoor-Outdoor 24 Fibre Cable Europe, Middle East, and Africa

The Struggle for Subsea Cable Supremacy in Southeast Asia: ASEAN ...

Beyond the US and China, Southeast Asian countries have engaged multiple players, particularly Japan, France and Germany, in

E2A Consortium Unveils Next-Generation Submarine

The E2A consortium is pleased to announce the start of construction for the new submarine

ASEAN ACADEMIC REPORTS ON SUBMARINE CABLES

On Saturday 4 May 2024, CIL organized an Academic Symposium on the regulation of submarine cables in Southeast Asia. The

South-Eastern Asia

The South-Eastern Asia optical fibers and bundles market is a critical and dynamic component of the region's digital

Consortium to Develop 24-fiber-pair Candle Subsea

A consortium comprising Meta, Softbank, Telekom Malaysia, IPS Inc. and PT XLSmart

TM joins consortium to develop cable system

Candle, which is scheduled to begin operations in 2028, is a 24-fibre pair, 8,000-kilometre

TM Joins Submarine Cable Consortium Running Through ASEAN,

TM has announced that it is part of the Candle Submarine Cable System Consortium, building submarine cables

C2C Cable System Overview

The City-to-City (C2C) Cable System is a 17,000 km private Intra-Asia submarine cable system. The C2C cable

The Vast Network Below: A Closer Look at Submarine Cable System ...

A submarine communication cable is a fiber-optic cable constructed underwater to connect two or more landing

Top 15 Fiber Optic Manufacturers (2026 Global Ranking)

An authoritative 2026 guide to the top 15 fiber optic manufacturers — from Corning and Prysmian to

TM JOINS CANDLE SUBMARINE CABLE SYSTEM CONSORTIUM

Candle is a 24-fiber pair, 8,000 km submarine cable system connecting Japan, Taiwan, the Philippines, Indonesia, Malaysia, and

Consortium to Develop 24-fiber-pair Candle Subsea

The Candle submarine cable system will adopt a 24-fiber-pair configuration. While most

Candle Subsea Cable to Link Japan, ASEAN by 2028

The Candle submarine cable system is a 24-fiber pair, 8,000 km submarine cable system connecting Japan, Taiwan, the Philippines,

Candle subsea cable to boost APAC digital infrastructure with 24-fibre ...

The Candle subsea cable is set to be operational by 2028 and will connect six countries, including Japan, Taiwan, the

South-East Asia Japan Cable (SJC) System Overview

The South-East Asia Japan Cable System (SJC) is a consortium Intra-Asia submarine cable system linking up to 8

2025/21 "The Struggle for Subsea Cable Supremacy in

This perspective examines the rise of China in the subsea cable sector and how it has

TM joins Candle submarine cable project to boost ASEAN

TM partners with Meta, SoftBank, IPS, XLSMART and NEC on the 8,000 km Candle submarine cable system, a 24

24-Core ADSS Optical Fiber Cable

The 24-Core ADSS (All-Dielectric Self-Supporting) Optical Fiber Cable is an all-dielectric, self-supporting aerial fiber optic solution

TM joins Candle Submarine Cable System Consortium to connect

Initiative enables higher traffic capacity to meet rising regional communications demand Candle a 8,000 km, 24-fibre

Subsea Communication Cables in Southeast Asia: A Comprehensive

In the Pacific Ocean, the Asia-America Gateway cable was built in 2009 to connect Southeast Asia to the west coast

Nokia upgrades Symphony Communication's MCT subsea network to

Nokia today announced that it has been selected by Symphony Communication Public Company Limited (SYMPHONY) to upgrade

Southeast Asia Has 5 Proposed Subsea Power Cable

Support CleanTechnica's work through a Substack subscription or on Stripe. The technical case for subsea power

Meta, SoftBank Corp., IPS, TM, XLSmart, and NEC to build the

The Candle submarine cable system is a 24-fiber pair, 8,000 km submarine cable system connecting Japan, Taiwan,

Subsea Communication Cables in Southeast Asia: A Comprehensive

Subsea Communication Cables in Southeast Asia: A Comprehensive Approach Is Needed By treating undersea

The Operation of Cross-Border Terrestrial Fibre-Optic Networks

Many cross-border terrestrial fibre-optic cable systems have been established between neighbouring countries through bilateral

24 Core and 48 Core Fiber Optic Cable

The optical fiber elements are typically individually coated with layers and contained in a protective tube suitable for the environment

Contact Us

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