

Global Subsea Composite Fibre Optic Cable Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G2A5E83AE4A9EN.html>

Date: September 2026

Pages: 134

Price: US\$ 4,480.00 (Single User License)

ID: G2A5E83AE4A9EN

Abstracts

The global Subsea Composite Fibre Optic Cable market size is expected to reach \$ 7194 million by 2032, rising at a market growth of 7.9% CAGR during the forecast period (2026-2032).

Subsea Composite Fibre Optic Cable is a composite marine cable that incorporates protected optical-fibre units within the overall structure of a submarine power cable, enabling electrical power transmission, data communication, control-signal exchange and cable-condition monitoring through a common cable route and construction. The cable typically comprises copper or aluminium conductors, insulation and screening systems, longitudinal and radial water barriers, a metallic sheath or composite moisture barrier, armour, an outer serving and optical fibres protected within stainless-steel tubes or dedicated optical units. The integrated fibres support communications between offshore facilities and onshore control centres, protection and supervisory functions, operational control and the monitoring of temperature, strain, vibration and fault location. The cable is engineered to maintain electrical performance, optical transmission, watertightness and mechanical integrity under seawater exposure, hydrostatic pressure, corrosion, seabed conditions, installation tension and external mechanical loads.

Key Findings

Offshore wind represents the largest downstream demand pool for Subsea Composite Fibre Optic Cables

AC multi-core cables dominate inter-array systems and many short-to-medium-

distance offshore power links

Single-core DC cables are concentrated in long-distance high-capacity interconnectors and remote offshore transmission

Integrated fibers are evolving from communication channels into combined communication and distributed-sensing infrastructure

Europe leads high-value projects while Asia-Pacific is expanding rapidly in deployment capacity and local manufacturing

Market Trends

Subsea Composite Fibre Optic Cables are evolving toward higher transmission voltage, larger conductor cross-sections, higher optical-fiber capacity and deeper integration with digital cable-monitoring systems. Offshore wind inter-array systems are moving from conventional 33 kV platforms toward 66 kV and emerging 132 kV designs, while export and interconnector projects increasingly adopt 220 kV-class HVAC or 320–525 kV HVDC systems. Product development is also shifting toward aluminium conductors, lead-free or reduced-lead dry designs, improved radial water barriers, lighter composite armour and longer continuous manufacturing lengths to reduce weight, installation risk and offshore jointing. Integrated optical units are increasingly specified not only for SCADA, protection and operational communications, but also for distributed temperature sensing, distributed acoustic sensing, dynamic cable rating, anchor and fishing-activity detection, free-span monitoring and early fault identification. Floating offshore wind is accelerating the development of dynamic cables capable of withstanding cyclic bending, tension and torsional fatigue, requiring dedicated cross-sectional design, accessories and full-scale mechanical qualification.

Market Dynamics

Drivers

Market demand is primarily driven by offshore wind construction, cross-border and island grid interconnections, offshore-grid reinforcement and the electrification of oil and gas platforms. Larger offshore wind farms, longer distances from shore and higher turbine ratings increase cable length, transmission voltage and monitoring

requirements. Electricity-system decarbonization is also increasing the need for subsea interconnectors that transfer renewable power between regions and strengthen security of supply. ENTSO-E's offshore-grid planning identifies substantial additional cross-border capacity requirements through offshore hybrid projects, while the IEA has highlighted the simultaneous expansion of offshore wind and transmission grids as a major source of demand for specialized high-voltage subsea cables.

Restraints

The market is constrained by high capital intensity, long project-development cycles, limited high-voltage manufacturing capacity and dependence on specialized cable-laying vessels, accessories and qualified installation teams. Each project requires route-specific electrical, thermal and mechanical engineering, long continuous production campaigns and extensive type, prequalification and factory acceptance testing. Revenue recognition can therefore fluctuate materially with project schedules. Inflation in copper, aluminium, steel, polymers and marine services, together with permitting delays and offshore installation bottlenecks, can weaken project economics and defer final investment decisions. Submarine cables are treated as special cable systems under high-voltage standards, and project-specific test conditions are often required, increasing qualification cost and time.

Opportunities

The strongest opportunities lie in floating offshore wind, offshore hybrid grids, long-distance HVDC links, platform electrification and intelligent cable-condition monitoring. Floating projects require dynamic power cables with integrated optical fibers capable of supporting continuous communications and mechanical-condition sensing under cyclic motion. Offshore energy islands and hybrid interconnectors can combine renewable-energy collection with cross-border electricity exchange, increasing demand for high-capacity AC and DC cable systems. Additional value is emerging from the use of installed fibers for DTS, DAS, strain monitoring and real-time thermal rating, allowing owners to improve asset utilization and detect external threats before cable failure. Asia-Pacific also offers opportunities for locally manufactured offshore cables as China, Taiwan, South Korea and Japan expand offshore wind and strengthen domestic supply chains.

Challenges

The central technical challenge is maintaining electrical, optical and mechanical integrity throughout manufacturing, transport, laying, burial and decades of subsea operation. Power cores and optical units respond differently to tension, bending, compression, temperature and fatigue, making strain management and component positioning critical. Dynamic cables face additional cyclic loading from waves, currents and floating-platform motion, while static cables remain exposed to anchors, fishing gear, seabed movement, free spans and thermal hotspots. Failures can require lengthy fault localization, vessel mobilization and complex offshore repair. Suppliers must therefore coordinate cable design, optical splicing, accessories, installation analysis and monitoring systems while meeting increasingly demanding reliability, environmental and local-content requirements.

Industry Chain Analysis

The upstream industry consists of copper and aluminium conductors, XLPE and EPR insulation compounds, semiconductive materials, lead or aluminium moisture barriers, polyethylene sheathing, galvanized steel and composite armour materials, water-blocking tapes, polypropylene yarns, optical fibers, stainless-steel optical tubes and cable accessories. Midstream manufacturers undertake conductor stranding, triple-layer insulation extrusion, optical-unit fabrication, core laying-up, water blocking, sheathing, armouring, long-length storage, joint and termination production, electrical and optical testing and project-specific qualification. Downstream customers include offshore wind developers, transmission system operators, utilities, oil and gas companies, marine-energy developers and offshore EPC contractors. Value creation is concentrated in high-voltage system design, long continuous manufacturing, dynamic mechanical engineering, reliable optical-unit integration, accessories, installation interfaces and lifecycle monitoring rather than in standard cable materials alone.

Segment Insights

By current system, AC Subsea Composite Fibre Optic Cables represent the broader product segment because AC is widely used in offshore wind inter-array networks, near-shore export systems, island links and platform power connections. Three-core AC designs combine all phase conductors and optical units in one armoured cable, simplifying offshore installation and reducing the number of separate cable routes. DC Subsea Composite Fibre Optic Cables account for fewer projects but generally serve higher-capacity and longer-distance links. HVDC systems are increasingly selected for

remote offshore wind export, deep-water crossings and cross-border interconnectors where AC charging current and reactive-power requirements become restrictive.

By power core configuration, Multi-Core Composite Submarine Power Cables form the principal configuration for medium-voltage inter-array cables and many HVAC export and platform links, with three separately insulated power cores laid up around fillers and one or more optical units. Single-Core Composite Submarine Power Cables are primarily used in HVDC systems and high-voltage AC circuits requiring separate phase or pole cables. Market statistics should classify each physical cable by its own core configuration; a bipolar HVDC system comprising two single-core pole cables remains a single-core product system rather than a multi-core cable.

Downstream Market Opportunities

Offshore wind provides the largest opportunity, covering both turbine-to-turbine inter-array cables and offshore-substation-to-shore export cables. Power transmission and grid interconnection form the second major demand platform, including cross-border links, mainland-to-island connections, island networks and offshore hybrid grids. Offshore oil and gas remain a specialized market for power-from-shore, platform-to-platform connections and subsea production infrastructure, with integrated fibers supporting operational communications and control. Other opportunities include tidal and wave energy, floating solar, offshore hydrogen, marine research facilities and specialized underwater power systems, although these applications remain more project-specific and should be included only where optical units are integrated into the power cable structure.

Regional Insights

Europe is the leading high-value project region, supported by offshore wind development in the North Sea and Baltic Sea, island interconnections in the Mediterranean and a large pipeline of cross-border and offshore hybrid-grid projects. The region also has the most concentrated cluster of global high-voltage submarine cable suppliers, specialized factories, cable-laying vessels and system-engineering capabilities. Project demand is increasingly centered on 66 kV and higher-voltage array cables, HVAC export systems and large HVDC interconnectors, although permitting, financing and supply-chain constraints can cause significant year-to-year variability.

Asia-Pacific is the principal capacity-growth region. China combines large domestic offshore wind and grid-interconnection demand with a broad manufacturing base led by Hengtong, Orient Cable and ZTT, while Taiwan, South Korea and Japan are investing in offshore cable capacity, localization and supply-chain development. North America remains a selective but high-value market for offshore wind export systems, island and coastal interconnections, although project timing remains uneven. The Middle East, Africa and Southeast Asia provide project-based demand from offshore oil and gas, island electrification and emerging marine renewable-energy developments.

Competitive Landscape Analysis

The global market has high entry barriers in high-voltage insulation, long-length continuous production, optical-unit integration, mechanical qualification, accessories and offshore installation. Prysmian, Nexans and NKT form the leading global system-supplier group, with broad capabilities spanning HVAC, HVDC, offshore wind export, interconnectors, installation and monitoring. Hellenic Cables, whose submarine manufacturing operations include Fulgor, has strengthened its position in inter-array, export and island-interconnection projects, while LS Cable & System, Sumitomo Electric and Furukawa Electric provide established Asian capabilities in submarine AC/DC systems and integrated optical-fiber designs. JDR Cable Systems and TKF hold differentiated positions in medium-voltage inter-array, dynamic and offshore industrial cables. In China, Hengtong Optic-Electric, Orient Cable and ZTT have broad portfolios covering medium-, high- and extra-high-voltage optical-fiber composite submarine cables, while Qingdao Hanhe Cable participates in specialized dynamic, tidal and wave-energy products. Competition increasingly depends on production-slot availability, qualification records, continuous cable length, installation integration, dynamic-cable engineering and digital monitoring capability rather than cable price alone.

Report Scope

This report studies the global Subsea Composite Fibre Optic Cable production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Subsea Composite Fibre Optic Cable and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Subsea Composite Fibre

Optic Cable that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Subsea Composite Fibre Optic Cable total production and demand, 2021-2032, (K Meter)

Global Subsea Composite Fibre Optic Cable total production value, 2021-2032, (USD Million)

Global Subsea Composite Fibre Optic Cable production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Meter), (based on production site)

Global Subsea Composite Fibre Optic Cable consumption by region & country, CAGR, 2021-2032 & (K Meter)

U.S. VS China: Subsea Composite Fibre Optic Cable domestic production, consumption, key domestic manufacturers and share

Global Subsea Composite Fibre Optic Cable production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Meter)

Global Subsea Composite Fibre Optic Cable production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Meter)

Global Subsea Composite Fibre Optic Cable production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Meter)

This report profiles key players in the global Subsea Composite Fibre Optic Cable market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Prysmian, Nexans, JDR Cable Systems, NKT, Hellenic Cables, LS Cable & System, TKF, Furukawa Electric, Hengtong Optic-Electric, Orient Cable, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Subsea Composite Fibre Optic Cable market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Meter) and average price (US\$/Meter) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Subsea Composite Fibre Optic Cable Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global Subsea Composite Fibre Optic Cable Market, Segmentation by Type:

AC Subsea Composite Fibre Optic Cable

DC Subsea Composite Fibre Optic Cable

Global Subsea Composite Fibre Optic Cable Market, Segmentation by Power Core Configuration:

Single-Core Composite Submarine Power Cables

Multi-Core Composite Submarine Power Cables

Global Subsea Composite Fibre Optic Cable Market, Segmentation by Application:

Offshore Wind Power

Power Transmission & Grid Interconnection

Offshore Oil & Gas

Others

Companies Profiled:

Prysmian

Nexans

JDR Cable Systems

NKT

Hellenic Cables

LS Cable & System

TKF

Furukawa Electric

Hengtong Optic-Electric

Orient Cable

ZTT

Qingdao Hanhe Cable

Key Questions Answered

1. How big is the global Subsea Composite Fibre Optic Cable market?
2. What is the demand of the global Subsea Composite Fibre Optic Cable market?
3. What is the year over year growth of the global Subsea Composite Fibre Optic Cable market?
4. What is the total value of the global Subsea Composite Fibre Optic Cable market?
5. Who are the Major Players in the global Subsea Composite Fibre Optic Cable market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Subsea Composite Fibre Optic Cable Introduction
- 1.2 World Subsea Composite Fibre Optic Cable Supply & Forecast
 - 1.2.1 World Subsea Composite Fibre Optic Cable Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Subsea Composite Fibre Optic Cable Production (2021-2032)
 - 1.2.3 World Subsea Composite Fibre Optic Cable Pricing Trends (2021-2032)
- 1.3 World Subsea Composite Fibre Optic Cable Production by Region (Based on Production Site)
 - 1.3.1 World Subsea Composite Fibre Optic Cable Production Value by Region (2021-2032)
 - 1.3.2 World Subsea Composite Fibre Optic Cable Production by Region (2021-2032)
 - 1.3.3 World Subsea Composite Fibre Optic Cable Average Price by Region (2021-2032)
 - 1.3.4 North America Subsea Composite Fibre Optic Cable Production (2021-2032)
 - 1.3.5 Europe Subsea Composite Fibre Optic Cable Production (2021-2032)
 - 1.3.6 China Subsea Composite Fibre Optic Cable Production (2021-2032)
 - 1.3.7 Japan Subsea Composite Fibre Optic Cable Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Subsea Composite Fibre Optic Cable Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Subsea Composite Fibre Optic Cable Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Subsea Composite Fibre Optic Cable Demand (2021-2032)
- 2.2 World Subsea Composite Fibre Optic Cable Consumption by Region
 - 2.2.1 World Subsea Composite Fibre Optic Cable Consumption by Region (2021-2026)
 - 2.2.2 World Subsea Composite Fibre Optic Cable Consumption Forecast by Region (2027-2032)
- 2.3 United States Subsea Composite Fibre Optic Cable Consumption (2021-2032)
- 2.4 China Subsea Composite Fibre Optic Cable Consumption (2021-2032)
- 2.5 Europe Subsea Composite Fibre Optic Cable Consumption (2021-2032)
- 2.6 Japan Subsea Composite Fibre Optic Cable Consumption (2021-2032)
- 2.7 South Korea Subsea Composite Fibre Optic Cable Consumption (2021-2032)

2.8 ASEAN Subsea Composite Fibre Optic Cable Consumption (2021-2032)

2.9 India Subsea Composite Fibre Optic Cable Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Subsea Composite Fibre Optic Cable Production Value by Manufacturer (2021-2026)

3.2 World Subsea Composite Fibre Optic Cable Production by Manufacturer (2021-2026)

3.3 World Subsea Composite Fibre Optic Cable Average Price by Manufacturer (2021-2026)

3.4 Subsea Composite Fibre Optic Cable Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Subsea Composite Fibre Optic Cable Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Subsea Composite Fibre Optic Cable in 2025

3.5.3 Global Concentration Ratios (CR8) for Subsea Composite Fibre Optic Cable in 2025

3.6 Subsea Composite Fibre Optic Cable Market: Overall Company Footprint Analysis

3.6.1 Subsea Composite Fibre Optic Cable Market: Region Footprint

3.6.2 Subsea Composite Fibre Optic Cable Market: Company Product Type Footprint

3.6.3 Subsea Composite Fibre Optic Cable Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Subsea Composite Fibre Optic Cable Production Value Comparison

4.1.1 United States VS China: Subsea Composite Fibre Optic Cable Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Subsea Composite Fibre Optic Cable Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Subsea Composite Fibre Optic Cable Production Comparison

4.2.1 United States VS China: Subsea Composite Fibre Optic Cable Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Subsea Composite Fibre Optic Cable Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Subsea Composite Fibre Optic Cable Consumption Comparison

4.3.1 United States VS China: Subsea Composite Fibre Optic Cable Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Subsea Composite Fibre Optic Cable Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Subsea Composite Fibre Optic Cable Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Subsea Composite Fibre Optic Cable Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Subsea Composite Fibre Optic Cable Production Value (2021-2026)

4.4.3 United States Based Manufacturers Subsea Composite Fibre Optic Cable Production (2021-2026)

4.5 China Based Subsea Composite Fibre Optic Cable Manufacturers and Market Share

4.5.1 China Based Subsea Composite Fibre Optic Cable Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Subsea Composite Fibre Optic Cable Production Value (2021-2026)

4.5.3 China Based Manufacturers Subsea Composite Fibre Optic Cable Production (2021-2026)

4.6 Rest of World Based Subsea Composite Fibre Optic Cable Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Subsea Composite Fibre Optic Cable Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Subsea Composite Fibre Optic Cable Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Subsea Composite Fibre Optic Cable Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Subsea Composite Fibre Optic Cable Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 AC Subsea Composite Fibre Optic Cable

5.2.2 DC Subsea Composite Fibre Optic Cable

5.3 Market Segment by Type

5.3.1 World Subsea Composite Fibre Optic Cable Production by Type (2021-2032)

5.3.2 World Subsea Composite Fibre Optic Cable Production Value by Type (2021-2032)

5.3.3 World Subsea Composite Fibre Optic Cable Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY POWER CORE CONFIGURATION

6.1 World Subsea Composite Fibre Optic Cable Market Size Overview by Power Core Configuration: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Power Core Configuration

6.2.1 Single-Core Composite Submarine Power Cables

6.2.2 Multi-Core Composite Submarine Power Cables

6.3 Market Segment by Power Core Configuration

6.3.1 World Subsea Composite Fibre Optic Cable Production by Power Core Configuration (2021-2032)

6.3.2 World Subsea Composite Fibre Optic Cable Production Value by Power Core Configuration (2021-2032)

6.3.3 World Subsea Composite Fibre Optic Cable Average Price by Power Core Configuration (2021-2032)

7 MARKET ANALYSIS BY APPLICATION

7.1 World Subsea Composite Fibre Optic Cable Market Size Overview by Application: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Application

7.2.1 Offshore Wind Power

7.2.2 Power Transmission & Grid Interconnection

7.2.3 Offshore Oil & Gas

7.2.4 Others

7.3 Market Segment by Application

7.3.1 World Subsea Composite Fibre Optic Cable Production by Application (2021-2032)

7.3.2 World Subsea Composite Fibre Optic Cable Production Value by Application

(2021-2032)

7.3.3 World Subsea Composite Fibre Optic Cable Average Price by Application

(2021-2032)

8 COMPANY PROFILES

8.1 Prysmian

8.1.1 Prysmian Details

8.1.2 Prysmian Major Business

8.1.3 Prysmian Subsea Composite Fibre Optic Cable Product and Services

8.1.4 Prysmian Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.1.5 Prysmian Recent Developments/Updates

8.1.6 Prysmian Competitive Strengths & Weaknesses

8.2 Nexans

8.2.1 Nexans Details

8.2.2 Nexans Major Business

8.2.3 Nexans Subsea Composite Fibre Optic Cable Product and Services

8.2.4 Nexans Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.2.5 Nexans Recent Developments/Updates

8.2.6 Nexans Competitive Strengths & Weaknesses

8.3 JDR Cable Systems

8.3.1 JDR Cable Systems Details

8.3.2 JDR Cable Systems Major Business

8.3.3 JDR Cable Systems Subsea Composite Fibre Optic Cable Product and Services

8.3.4 JDR Cable Systems Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.3.5 JDR Cable Systems Recent Developments/Updates

8.3.6 JDR Cable Systems Competitive Strengths & Weaknesses

8.4 NKT

8.4.1 NKT Details

8.4.2 NKT Major Business

8.4.3 NKT Subsea Composite Fibre Optic Cable Product and Services

8.4.4 NKT Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.4.5 NKT Recent Developments/Updates

8.4.6 NKT Competitive Strengths & Weaknesses

8.5 Hellenic Cables

- 8.5.1 Hellenic Cables Details
- 8.5.2 Hellenic Cables Major Business
- 8.5.3 Hellenic Cables Subsea Composite Fibre Optic Cable Product and Services
- 8.5.4 Hellenic Cables Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.5.5 Hellenic Cables Recent Developments/Updates
- 8.5.6 Hellenic Cables Competitive Strengths & Weaknesses
- 8.6 LS Cable & System
 - 8.6.1 LS Cable & System Details
 - 8.6.2 LS Cable & System Major Business
 - 8.6.3 LS Cable & System Subsea Composite Fibre Optic Cable Product and Services
 - 8.6.4 LS Cable & System Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.6.5 LS Cable & System Recent Developments/Updates
 - 8.6.6 LS Cable & System Competitive Strengths & Weaknesses
- 8.7 TKF
 - 8.7.1 TKF Details
 - 8.7.2 TKF Major Business
 - 8.7.3 TKF Subsea Composite Fibre Optic Cable Product and Services
 - 8.7.4 TKF Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.7.5 TKF Recent Developments/Updates
 - 8.7.6 TKF Competitive Strengths & Weaknesses
- 8.8 Furukawa Electric
 - 8.8.1 Furukawa Electric Details
 - 8.8.2 Furukawa Electric Major Business
 - 8.8.3 Furukawa Electric Subsea Composite Fibre Optic Cable Product and Services
 - 8.8.4 Furukawa Electric Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.8.5 Furukawa Electric Recent Developments/Updates
 - 8.8.6 Furukawa Electric Competitive Strengths & Weaknesses
- 8.9 Hengtong Optic-Electric
 - 8.9.1 Hengtong Optic-Electric Details
 - 8.9.2 Hengtong Optic-Electric Major Business
 - 8.9.3 Hengtong Optic-Electric Subsea Composite Fibre Optic Cable Product and Services
 - 8.9.4 Hengtong Optic-Electric Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.9.5 Hengtong Optic-Electric Recent Developments/Updates

8.9.6 Hengtong Optic-Electric Competitive Strengths & Weaknesses

8.10 Orient Cable

8.10.1 Orient Cable Details

8.10.2 Orient Cable Major Business

8.10.3 Orient Cable Subsea Composite Fibre Optic Cable Product and Services

8.10.4 Orient Cable Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.10.5 Orient Cable Recent Developments/Updates

8.10.6 Orient Cable Competitive Strengths & Weaknesses

8.11 ZTT

8.11.1 ZTT Details

8.11.2 ZTT Major Business

8.11.3 ZTT Subsea Composite Fibre Optic Cable Product and Services

8.11.4 ZTT Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.11.5 ZTT Recent Developments/Updates

8.11.6 ZTT Competitive Strengths & Weaknesses

8.12 Qingdao Hanhe Cable

8.12.1 Qingdao Hanhe Cable Details

8.12.2 Qingdao Hanhe Cable Major Business

8.12.3 Qingdao Hanhe Cable Subsea Composite Fibre Optic Cable Product and Services

8.12.4 Qingdao Hanhe Cable Subsea Composite Fibre Optic Cable Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.12.5 Qingdao Hanhe Cable Recent Developments/Updates

8.12.6 Qingdao Hanhe Cable Competitive Strengths & Weaknesses

9 INDUSTRY CHAIN ANALYSIS

9.1 Subsea Composite Fibre Optic Cable Industry Chain

9.2 Subsea Composite Fibre Optic Cable Upstream Analysis

9.2.1 Subsea Composite Fibre Optic Cable Core Raw Materials

9.2.2 Main Manufacturers of Subsea Composite Fibre Optic Cable Core Raw Materials

9.3 Midstream Analysis

9.4 Downstream Analysis

9.5 Subsea Composite Fibre Optic Cable Production Mode

9.6 Subsea Composite Fibre Optic Cable Procurement Model

9.7 Subsea Composite Fibre Optic Cable Industry Sales Model and Sales Channels

9.7.1 Subsea Composite Fibre Optic Cable Sales Model

9.7.2 Subsea Composite Fibre Optic Cable Typical Distributors

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Subsea Composite Fibre Optic Cable Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Subsea Composite Fibre Optic Cable Production Value by Region (2021-2026) & (USD Million)

Table 3. World Subsea Composite Fibre Optic Cable Production Value by Region (2027-2032) & (USD Million)

Table 4. World Subsea Composite Fibre Optic Cable Production Value Market Share by Region (2021-2026)

Table 5. World Subsea Composite Fibre Optic Cable Production Value Market Share by Region (2027-2032)

Table 6. World Subsea Composite Fibre Optic Cable Production by Region (2021-2026) & (K Meter)

Table 7. World Subsea Composite Fibre Optic Cable Production by Region (2027-2032) & (K Meter)

Table 8. World Subsea Composite Fibre Optic Cable Production Market Share by Region (2021-2026)

Table 9. World Subsea Composite Fibre Optic Cable Production Market Share by Region (2027-2032)

Table 10. World Subsea Composite Fibre Optic Cable Average Price by Region (2021-2026) & (US\$/Meter)

Table 11. World Subsea Composite Fibre Optic Cable Average Price by Region (2027-2032) & (US\$/Meter)

Table 12. Subsea Composite Fibre Optic Cable Major Market Trends

Table 13. World Subsea Composite Fibre Optic Cable Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Meter)

Table 14. World Subsea Composite Fibre Optic Cable Consumption by Region (2021-2026) & (K Meter)

Table 15. World Subsea Composite Fibre Optic Cable Consumption Forecast by Region (2027-2032) & (K Meter)

Table 16. World Subsea Composite Fibre Optic Cable Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Subsea Composite Fibre Optic Cable Producers in 2025

Table 18. World Subsea Composite Fibre Optic Cable Production by Manufacturer (2021-2026) & (K Meter)

Table 19. Production Market Share of Key Subsea Composite Fibre Optic Cable Producers in 2025

Table 20. World Subsea Composite Fibre Optic Cable Average Price by Manufacturer (2021-2026) & (US\$/Meter)

Table 21. Global Subsea Composite Fibre Optic Cable Company Evaluation Quadrant

Table 22. World Subsea Composite Fibre Optic Cable Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Subsea Composite Fibre Optic Cable Production Site of Key Manufacturer

Table 24. Subsea Composite Fibre Optic Cable Market: Company Product Type Footprint

Table 25. Subsea Composite Fibre Optic Cable Market: Company Product Application Footprint

Table 26. Subsea Composite Fibre Optic Cable Competitive Factors

Table 27. Subsea Composite Fibre Optic Cable New Entrant and Capacity Expansion Plans

Table 28. Subsea Composite Fibre Optic Cable Mergers & Acquisitions Activity

Table 29. United States VS China Subsea Composite Fibre Optic Cable Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Subsea Composite Fibre Optic Cable Production Comparison, (2021 & 2025 & 2032) & (K Meter)

Table 31. United States VS China Subsea Composite Fibre Optic Cable Consumption Comparison, (2021 & 2025 & 2032) & (K Meter)

Table 32. United States Based Subsea Composite Fibre Optic Cable Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Subsea Composite Fibre Optic Cable Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Subsea Composite Fibre Optic Cable Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Subsea Composite Fibre Optic Cable Production (2021-2026) & (K Meter)

Table 36. United States Based Manufacturers Subsea Composite Fibre Optic Cable Production Market Share (2021-2026)

Table 37. China Based Subsea Composite Fibre Optic Cable Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Subsea Composite Fibre Optic Cable Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Subsea Composite Fibre Optic Cable Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Subsea Composite Fibre Optic Cable Production, (2021-2026) & (K Meter)

Table 41. China Based Manufacturers Subsea Composite Fibre Optic Cable Production Market Share (2021-2026)

Table 42. Rest of World Based Subsea Composite Fibre Optic Cable Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Subsea Composite Fibre Optic Cable Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Subsea Composite Fibre Optic Cable Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Subsea Composite Fibre Optic Cable Production, (2021-2026) & (K Meter)

Table 46. Rest of World Based Manufacturers Subsea Composite Fibre Optic Cable Production Market Share (2021-2026)

Table 47. World Subsea Composite Fibre Optic Cable Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Subsea Composite Fibre Optic Cable Production by Type (2021-2026) & (K Meter)

Table 49. World Subsea Composite Fibre Optic Cable Production by Type (2027-2032) & (K Meter)

Table 50. World Subsea Composite Fibre Optic Cable Production Value by Type (2021-2026) & (USD Million)

Table 51. World Subsea Composite Fibre Optic Cable Production Value by Type (2027-2032) & (USD Million)

Table 52. World Subsea Composite Fibre Optic Cable Average Price by Type (2021-2026) & (US\$/Meter)

Table 53. World Subsea Composite Fibre Optic Cable Average Price by Type (2027-2032) & (US\$/Meter)

Table 54. World Subsea Composite Fibre Optic Cable Production Value by Power Core Configuration, (USD Million), 2021 & 2025 & 2032

Table 55. World Subsea Composite Fibre Optic Cable Production by Power Core Configuration (2021-2026) & (K Meter)

Table 56. World Subsea Composite Fibre Optic Cable Production by Power Core Configuration (2027-2032) & (K Meter)

Table 57. World Subsea Composite Fibre Optic Cable Production Value by Power Core Configuration (2021-2026) & (USD Million)

Table 58. World Subsea Composite Fibre Optic Cable Production Value by Power Core Configuration (2027-2032) & (USD Million)

Table 59. World Subsea Composite Fibre Optic Cable Average Price by Power Core

Configuration (2021-2026) & (US\$/Meter)

Table 60. World Subsea Composite Fibre Optic Cable Average Price by Power Core Configuration (2027-2032) & (US\$/Meter)

Table 61. World Subsea Composite Fibre Optic Cable Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 62. World Subsea Composite Fibre Optic Cable Production by Application (2021-2026) & (K Meter)

Table 63. World Subsea Composite Fibre Optic Cable Production by Application (2027-2032) & (K Meter)

Table 64. World Subsea Composite Fibre Optic Cable Production Value by Application (2021-2026) & (USD Million)

Table 65. World Subsea Composite Fibre Optic Cable Production Value by Application (2027-2032) & (USD Million)

Table 66. World Subsea Composite Fibre Optic Cable Average Price by Application (2021-2026) & (US\$/Meter)

Table 67. World Subsea Composite Fibre Optic Cable Average Price by Application (2027-2032) & (US\$/Meter)

Table 68. Prysmian Basic Information, Manufacturing Base and Competitors

Table 69. Prysmian Major Business

Table 70. Prysmian Subsea Composite Fibre Optic Cable Product and Services

Table 71. Prysmian Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 72. Prysmian Recent Developments/Updates

Table 73. Prysmian Competitive Strengths & Weaknesses

Table 74. Nexans Basic Information, Manufacturing Base and Competitors

Table 75. Nexans Major Business

Table 76. Nexans Subsea Composite Fibre Optic Cable Product and Services

Table 77. Nexans Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Nexans Recent Developments/Updates

Table 79. Nexans Competitive Strengths & Weaknesses

Table 80. JDR Cable Systems Basic Information, Manufacturing Base and Competitors

Table 81. JDR Cable Systems Major Business

Table 82. JDR Cable Systems Subsea Composite Fibre Optic Cable Product and Services

Table 83. JDR Cable Systems Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market

Share (2021-2026)

Table 84. JDR Cable Systems Recent Developments/Updates

Table 85. JDR Cable Systems Competitive Strengths & Weaknesses

Table 86. NKT Basic Information, Manufacturing Base and Competitors

Table 87. NKT Major Business

Table 88. NKT Subsea Composite Fibre Optic Cable Product and Services

Table 89. NKT Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 90. NKT Recent Developments/Updates

Table 91. NKT Competitive Strengths & Weaknesses

Table 92. Hellenic Cables Basic Information, Manufacturing Base and Competitors

Table 93. Hellenic Cables Major Business

Table 94. Hellenic Cables Subsea Composite Fibre Optic Cable Product and Services

Table 95. Hellenic Cables Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 96. Hellenic Cables Recent Developments/Updates

Table 97. Hellenic Cables Competitive Strengths & Weaknesses

Table 98. LS Cable & System Basic Information, Manufacturing Base and Competitors

Table 99. LS Cable & System Major Business

Table 100. LS Cable & System Subsea Composite Fibre Optic Cable Product and Services

Table 101. LS Cable & System Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 102. LS Cable & System Recent Developments/Updates

Table 103. LS Cable & System Competitive Strengths & Weaknesses

Table 104. TKF Basic Information, Manufacturing Base and Competitors

Table 105. TKF Major Business

Table 106. TKF Subsea Composite Fibre Optic Cable Product and Services

Table 107. TKF Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 108. TKF Recent Developments/Updates

Table 109. TKF Competitive Strengths & Weaknesses

Table 110. Furukawa Electric Basic Information, Manufacturing Base and Competitors

Table 111. Furukawa Electric Major Business

Table 112. Furukawa Electric Subsea Composite Fibre Optic Cable Product and

Services

Table 113. Furukawa Electric Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 114. Furukawa Electric Recent Developments/Updates

Table 115. Furukawa Electric Competitive Strengths & Weaknesses

Table 116. Hengtong Optic-Electric Basic Information, Manufacturing Base and Competitors

Table 117. Hengtong Optic-Electric Major Business

Table 118. Hengtong Optic-Electric Subsea Composite Fibre Optic Cable Product and Services

Table 119. Hengtong Optic-Electric Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 120. Hengtong Optic-Electric Recent Developments/Updates

Table 121. Hengtong Optic-Electric Competitive Strengths & Weaknesses

Table 122. Orient Cable Basic Information, Manufacturing Base and Competitors

Table 123. Orient Cable Major Business

Table 124. Orient Cable Subsea Composite Fibre Optic Cable Product and Services

Table 125. Orient Cable Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 126. Orient Cable Recent Developments/Updates

Table 127. Orient Cable Competitive Strengths & Weaknesses

Table 128. ZTT Basic Information, Manufacturing Base and Competitors

Table 129. ZTT Major Business

Table 130. ZTT Subsea Composite Fibre Optic Cable Product and Services

Table 131. ZTT Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 132. ZTT Recent Developments/Updates

Table 133. ZTT Competitive Strengths & Weaknesses

Table 134. Qingdao Hanhe Cable Basic Information, Manufacturing Base and Competitors

Table 135. Qingdao Hanhe Cable Major Business

Table 136. Qingdao Hanhe Cable Subsea Composite Fibre Optic Cable Product and Services

Table 137. Qingdao Hanhe Cable Subsea Composite Fibre Optic Cable Production (K Meter), Price (US\$/Meter), Production Value (USD Million), Gross Margin and Market

Share (2021-2026)

Table 138. Qingdao Hanhe Cable Recent Developments/Updates

Table 139. Qingdao Hanhe Cable Competitive Strengths & Weaknesses

Table 140. Global Key Players of Subsea Composite Fibre Optic Cable Upstream (Raw Materials)

Table 141. Global Subsea Composite Fibre Optic Cable Typical Customers

Table 142. Subsea Composite Fibre Optic Cable Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Subsea Composite Fibre Optic Cable Picture
- Figure 2. World Subsea Composite Fibre Optic Cable Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Subsea Composite Fibre Optic Cable Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Subsea Composite Fibre Optic Cable Production (2021-2032) & (K Meter)
- Figure 5. World Subsea Composite Fibre Optic Cable Average Price (2021-2032) & (US\$/Meter)
- Figure 6. World Subsea Composite Fibre Optic Cable Production Value Market Share by Region (2021-2032)
- Figure 7. World Subsea Composite Fibre Optic Cable Production Market Share by Region (2021-2032)
- Figure 8. North America Subsea Composite Fibre Optic Cable Production (2021-2032) & (K Meter)
- Figure 9. Europe Subsea Composite Fibre Optic Cable Production (2021-2032) & (K Meter)
- Figure 10. China Subsea Composite Fibre Optic Cable Production (2021-2032) & (K Meter)
- Figure 11. Japan Subsea Composite Fibre Optic Cable Production (2021-2032) & (K Meter)
- Figure 12. Subsea Composite Fibre Optic Cable Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Subsea Composite Fibre Optic Cable Consumption (2021-2032) & (K Meter)
- Figure 15. World Subsea Composite Fibre Optic Cable Consumption Market Share by Region (2021-2032)
- Figure 16. United States Subsea Composite Fibre Optic Cable Consumption (2021-2032) & (K Meter)
- Figure 17. China Subsea Composite Fibre Optic Cable Consumption (2021-2032) & (K Meter)
- Figure 18. Europe Subsea Composite Fibre Optic Cable Consumption (2021-2032) & (K Meter)
- Figure 19. Japan Subsea Composite Fibre Optic Cable Consumption (2021-2032) & (K Meter)

Figure 20. South Korea Subsea Composite Fibre Optic Cable Consumption (2021-2032) & (K Meter)

Figure 21. ASEAN Subsea Composite Fibre Optic Cable Consumption (2021-2032) & (K Meter)

Figure 22. India Subsea Composite Fibre Optic Cable Consumption (2021-2032) & (K Meter)

Figure 23. Producer Shipments of Subsea Composite Fibre Optic Cable by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Subsea Composite Fibre Optic Cable Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Subsea Composite Fibre Optic Cable Markets in 2025

Figure 26. United States VS China: Subsea Composite Fibre Optic Cable Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Subsea Composite Fibre Optic Cable Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Subsea Composite Fibre Optic Cable Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Subsea Composite Fibre Optic Cable Production Market Share 2025

Figure 30. China Based Manufacturers Subsea Composite Fibre Optic Cable Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Subsea Composite Fibre Optic Cable Production Market Share 2025

Figure 32. World Subsea Composite Fibre Optic Cable Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Subsea Composite Fibre Optic Cable Production Value Market Share by Type in 2025

Figure 34. AC Subsea Composite Fibre Optic Cable

Figure 35. DC Subsea Composite Fibre Optic Cable

Figure 36. World Subsea Composite Fibre Optic Cable Production Market Share by Type (2021-2032)

Figure 37. World Subsea Composite Fibre Optic Cable Production Value Market Share by Type (2021-2032)

Figure 38. World Subsea Composite Fibre Optic Cable Average Price by Type (2021-2032) & (US\$/Meter)

Figure 39. World Subsea Composite Fibre Optic Cable Production Value by Power Core Configuration, (USD Million), 2021 & 2025 & 2032

Figure 40. World Subsea Composite Fibre Optic Cable Production Value Market Share

by Power Core Configuration in 2025

Figure 41. Single-Core Composite Submarine Power Cables

Figure 42. Multi-Core Composite Submarine Power Cables

Figure 43. World Subsea Composite Fibre Optic Cable Production Market Share by Power Core Configuration (2021-2032)

Figure 44. World Subsea Composite Fibre Optic Cable Production Value Market Share by Power Core Configuration (2021-2032)

Figure 45. World Subsea Composite Fibre Optic Cable Average Price by Power Core Configuration (2021-2032) & (US\$/Meter)

Figure 46. World Subsea Composite Fibre Optic Cable Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 47. World Subsea Composite Fibre Optic Cable Production Value Market Share by Application in 2025

Figure 48. Offshore Wind Power

Figure 49. Power Transmission & Grid Interconnection

Figure 50. Offshore Oil & Gas

Figure 51. Others

Figure 52. World Subsea Composite Fibre Optic Cable Production Market Share by Application (2021-2032)

Figure 53. World Subsea Composite Fibre Optic Cable Production Value Market Share by Application (2021-2032)

Figure 54. World Subsea Composite Fibre Optic Cable Average Price by Application (2021-2032) & (US\$/Meter)

Figure 55. Subsea Composite Fibre Optic Cable Industry Chain

Figure 56. Subsea Composite Fibre Optic Cable Procurement Model

Figure 57. Subsea Composite Fibre Optic Cable Sales Model

Figure 58. Subsea Composite Fibre Optic Cable Sales Channels, Direct Sales, and Distribution

Figure 59. Methodology

Figure 60. Research Process and Data Source

I would like to order

Product name: Global Subsea Composite Fibre Optic Cable Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G2A5E83AE4A9EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2A5E83AE4A9EN.html>