

ZTT SUBMARINE CABLE SYSTEMS



ZTT MARINE INDUSTRY GROUP

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ZTT MARINE INDUSTRY GROUP



GROUP PROFILE

ZTT GROUP

Established in 1992, ZTT Group started from optical fiber communications. ZTT has always paid great strategic attention to research & development with a view to providing with innovative solutions. Having benefited from the state's policies of reform and opening up, now ZTT has developed a diversified industrial model of telecom, power grid, renewable energy, marine system, precision equipment and so on. ZTT was listed on the Shanghai Stock Exchange (Stock Code: 600522) on Oct 24, 2002. Awarded for national innovative pilot enterprise, national key hi-tech enterprise, Top-500 Enterprise in China, and Gold-medal listed company, ZTT currently hosts more than 70 subsidiaries and over 15,000 employees.

ZTT has been exploring internationalization since 2002, and is one of the earliest enterprises with "going global" strategy in the field of optical fiber communications. Now it owns a professional sales team of about 400 employees who masters languages such as English, Russian, Spanish, French, Japanese and so on. Furthermore, ZTT has established 58 overseas branch offices and 5 registered subsidiaries respectively in United States, Columbia, Russia, United Arab Emirates and Thailand. ZTT has set up plants in India, Brazil, Uzbekistan, Indonesia, Morocco, Turkey and Germany. The products have been supplied to 147 countries all over the world with excellent service.



ZTT MARINE INDUSTRY GROUP

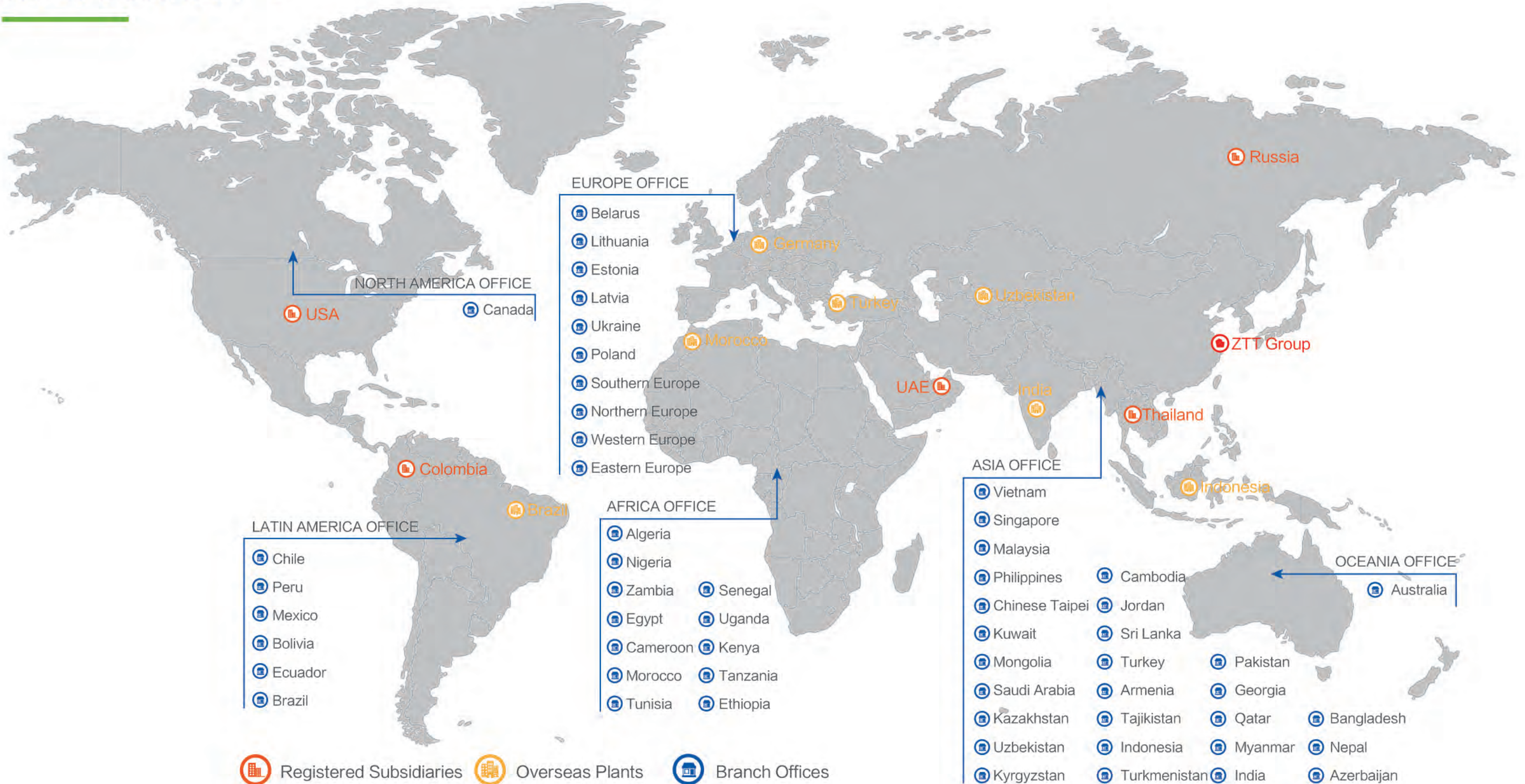
ZTT Marine Industry Group pays close attention to the development opportunities of marine economy such as island development, marine new energy development, marine observation network, marine resource exploration and marine engineering equipment, and adheres to the equal emphasis on land and sea as well as opto-electronic integration, and aims to contribute to the construction of national marine power.

INDUSTRY CHAIN LAYOUT

- ZHONGTIAN TECHNOLOGY SUBMARINE CABLE CO.,LTD**
China TOP-1 brand and China individual champion cultivation enterprise for submarine optical fiber cables
- ZHONGTIAN TECHNOLOGY MARINE SYSTEMS CO.,LTD**
System solution provider for marine ecology monitoring and water environmental protection
- SHANGHAI YUANWEI CONSTRUCTION ENGINEERING CO.,LTD**
Professional submarine cables installation service provider
- ZHONGTIAN TECHNOLOGY GROUP OCEAN ENGINEERING CO.,LTD**
Undertake offshore wind power development projects



GLOBAL LAYOUT





ZTT SUBMARINE CABLE PRODUCTION BASE

ZHONGTIAN TECHNOLOGY SUBMARINE CABLE CO., LTD (ZTT) is a 100% owned subsidiary of ZTT Group, and it is also part of ZTT Marine Industry Group. Located at the north of Yangtze River, Nantong City, Jiangsu Province, ZTT specializes in producing Submarine Optical Fiber Cables, Submarine Power Cables, and Submarine Optical Power Composite Cables since 1999. With twenty years experience in submarine cables industry, ZTT has been the world famous submarine cable manufacturer as well as the top-one brand in China.

ZTT has a complete production chain for producing Perform, Optic fiber, Laser welded stainless steel tube fiber unit, Argon arc welded copper tube, Armoring steel tape/wire, and PE sheath with annual submarine cables manufacturing capacity more than 10000km.

ZTT is individual champion cultivation enterprise for submarine optical fiber cables recognized by Chinese Ministry of Industry and Information Technology. In China, ZTT is famed for being:

- The first to get UJ and UQJ certificates from UJ Consortium
- The first to win EPC contract in Europe market
- The first to export to North America, South America, Europe, Africa, Middle East, and ASEAN

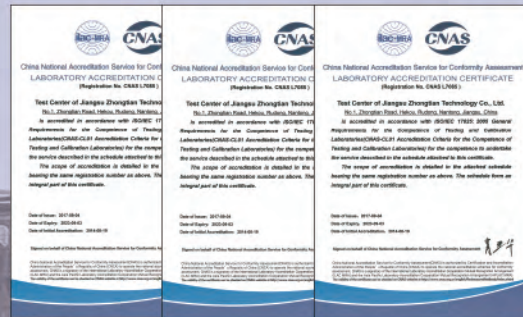
QUALITY

Management System Certificate



ISO 9001 ISO 14001 OHSAS 18001

Laboratory



CNAS

PRODUCT CERTIFICATE

UJ-S17 Series



Repeated Submarine Optical fiber Cables

UJ Splicer



UJ Training Centre

UQJ-Q10 Series



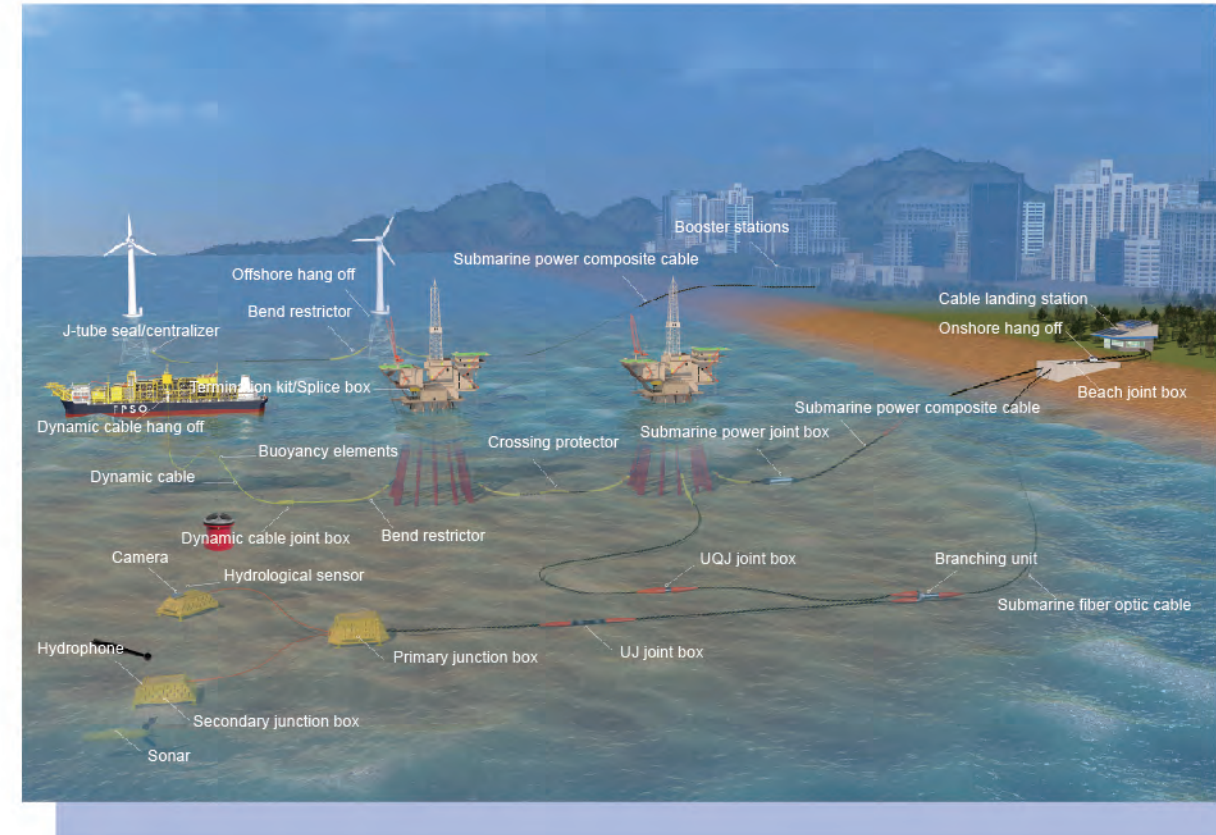
Unrepeated Submarine Optical Fiber Cables

UQJ-Q15 Series



Unrepeated Submarine Optical Fiber Cables

ZTT SUBMARINE SYSTEM SOLUTIONS



Application

- Telecom industry
- Offshore oil and gas industry
- Wind energy
- Ocean observation network

Products Range

- Submarine optical fiber cables
- Submarine power composite cables
- Submarine accessories
- Special cables

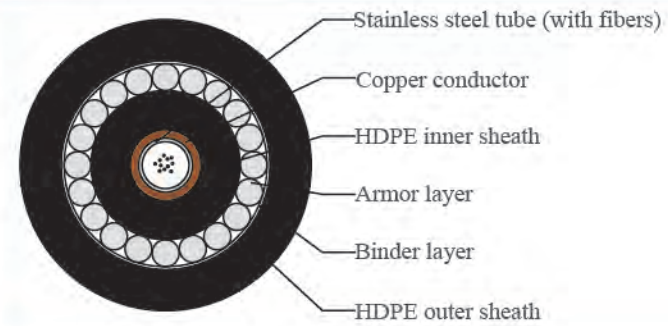
ZTT UNREPEATERED SUBMARINE OPTICAL FIBER CABLES ZTT-Q10 SERIES

Application

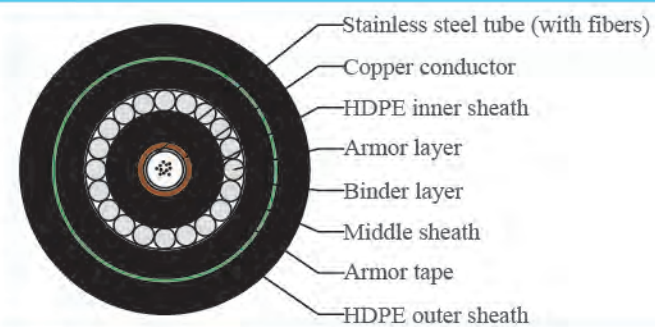
Suitable for short and medium distance submarine communication systems between islands and continents, islands and islands, coastal cities, offshore oil and gas platforms and offshore wind turbines, maximum 5000m installation water depth.

Product Structure

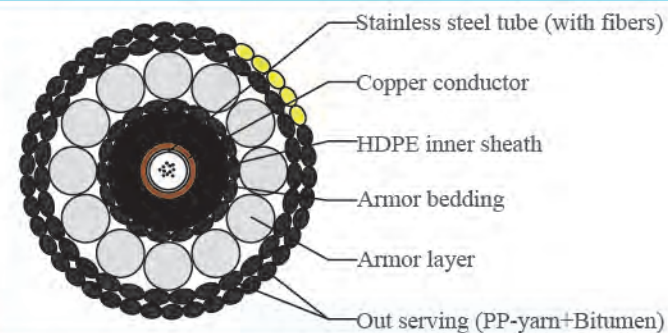
SOFC-Q10-LW80



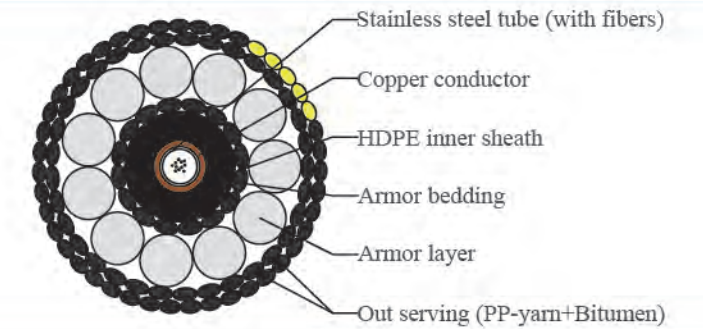
SOFC-Q10-LWP80



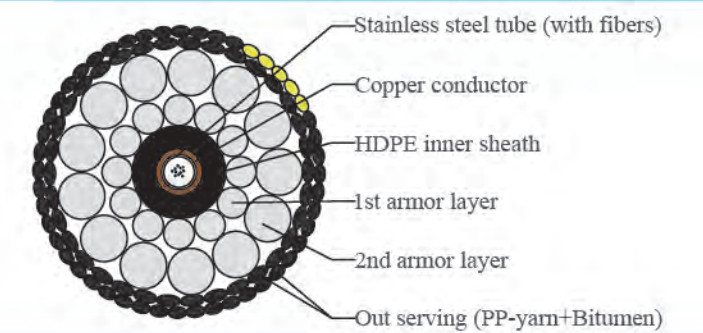
SOFC-Q10-SA200



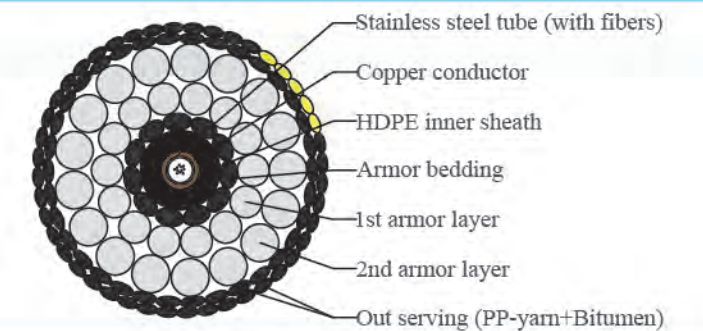
SOFC-Q10-SA280



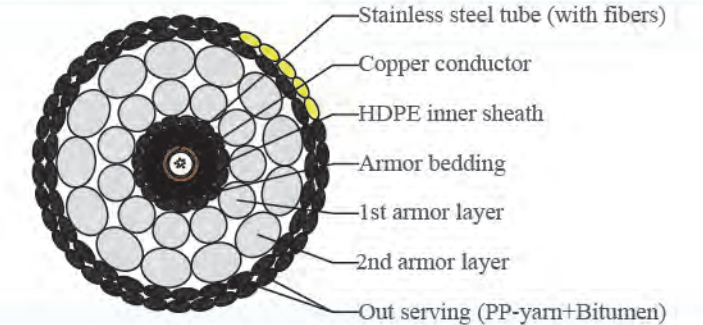
SOFC-Q10-DA420



SOFC-Q10-DA650



SOFC-Q10-RA400



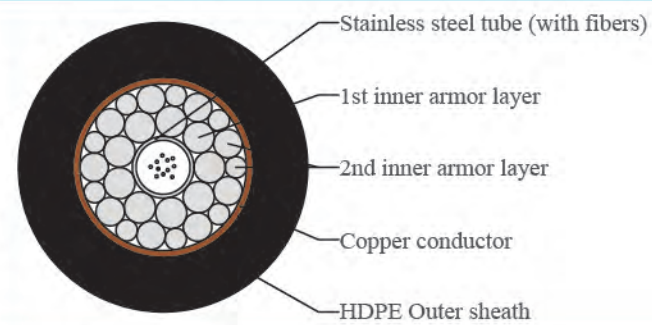
ZTT UNREPEATERED SUBMARINE OPTICAL FIBER CABLES ZTT-Q15 SERIES

Application

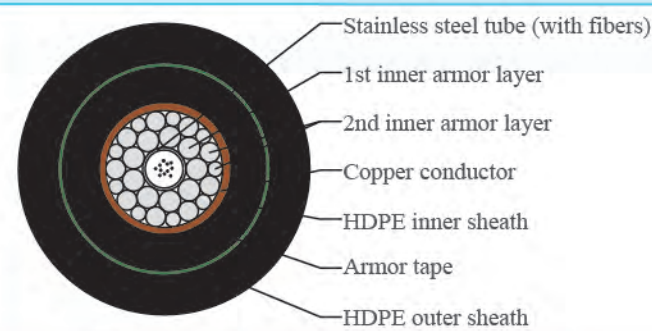
Suitable for unrepeatered submarine communication systems, maximum 7000m installation water depth.

Product Structure

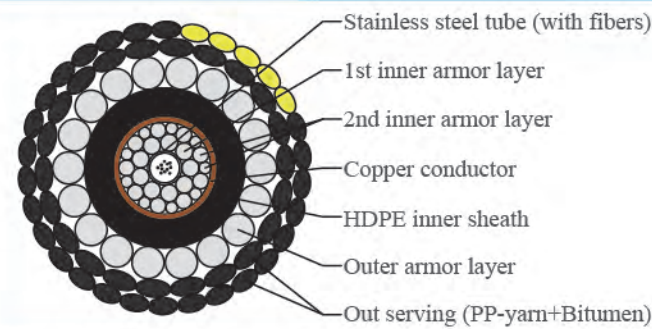
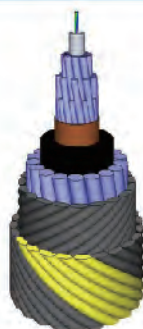
SOFC-Q15-LW



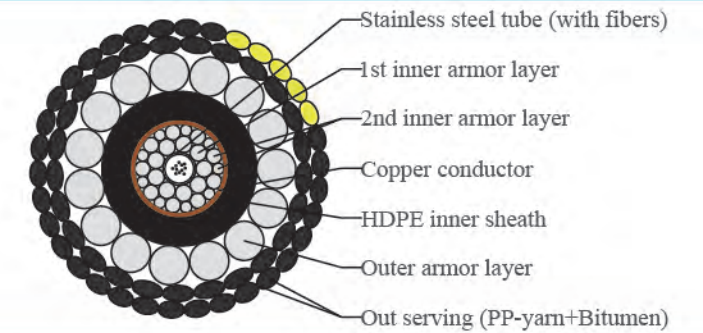
SOFC-Q15-LWP



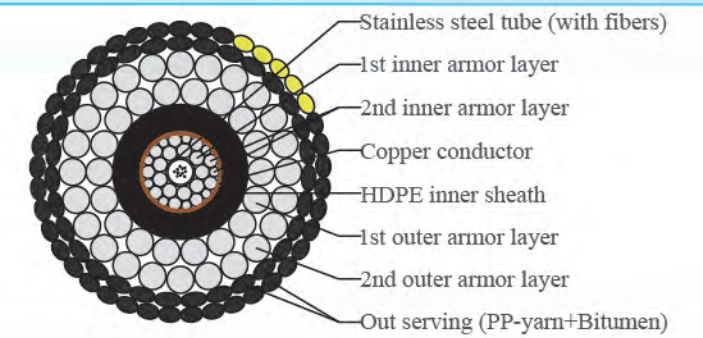
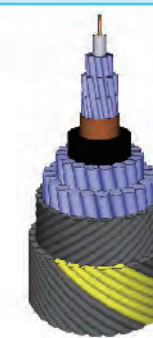
SOFC-Q15-SAL



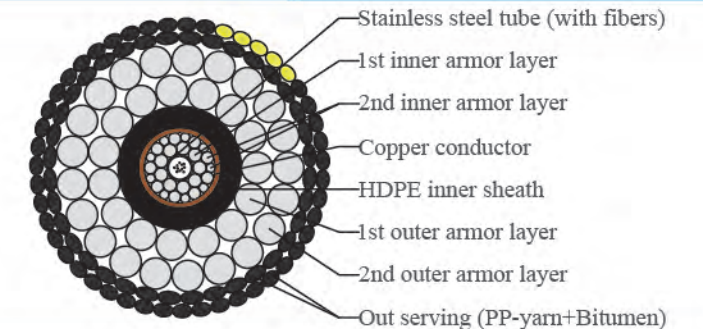
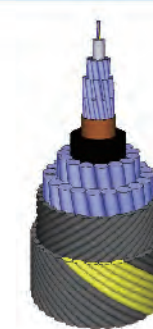
SOFC-Q15-SA

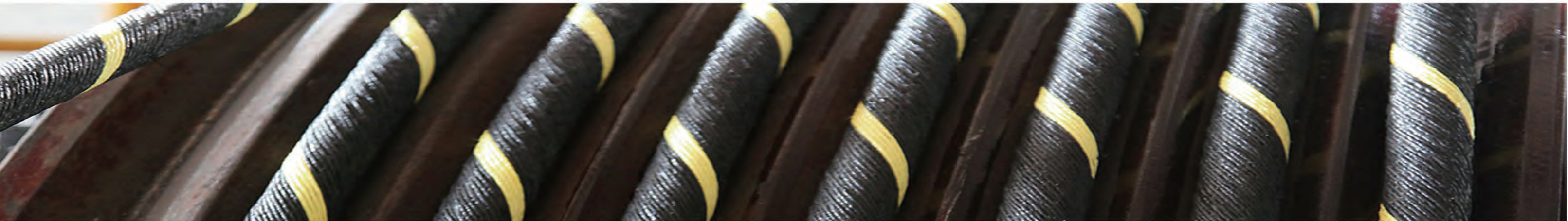


SOFC-Q15-DAL



SOFC-Q15-DA





ZTT REPEATERED SUBMARINE OPTICAL FIBER CABLES ZTT-S17 SERIES

Application

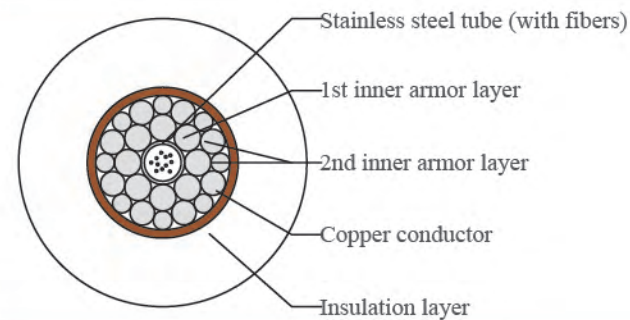
Suitable for long distance repeatered submarine communication systems and marine observation network systems.

Technical Characteristics

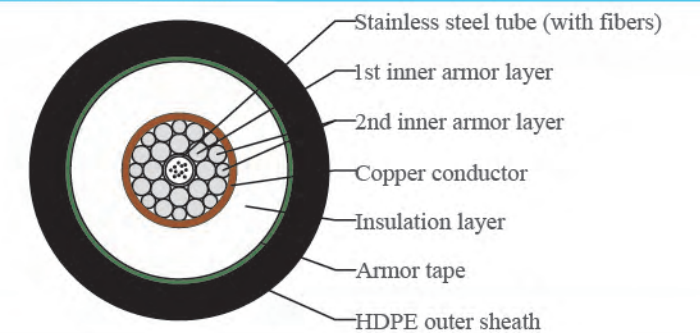
- Maximum 8000m water depth
- Successfully sea trialed
- High voltage DC power for continuous remote system power supply

Product Structure

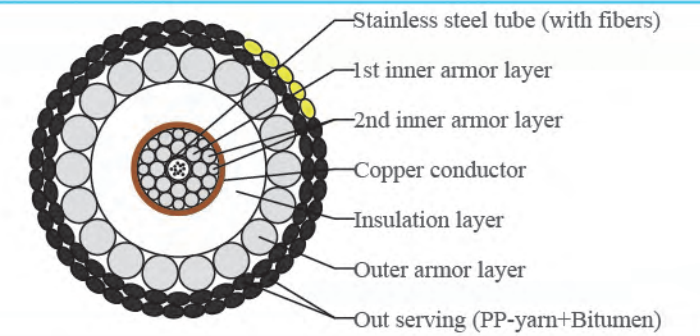
SOFC-S17-LW



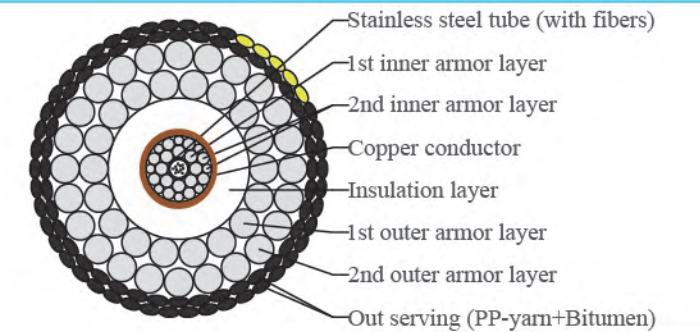
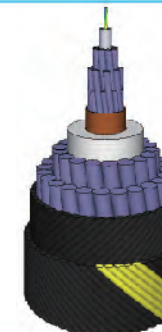
SOFC-S17-LWP



SOFC-S17-SA



SOFC-S17-DA



ZTT SUBMARINE CABLES SYSTEM ACCESSORIES

Application

Suitable for submarine cables system connecting, jointing, repairing and protecting during installation and service period.

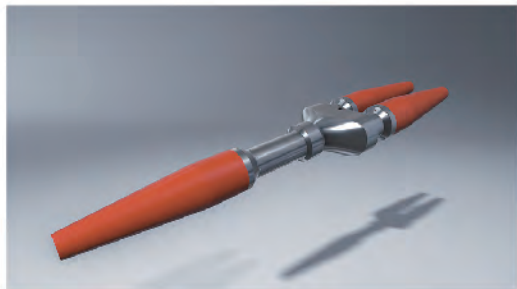
Products



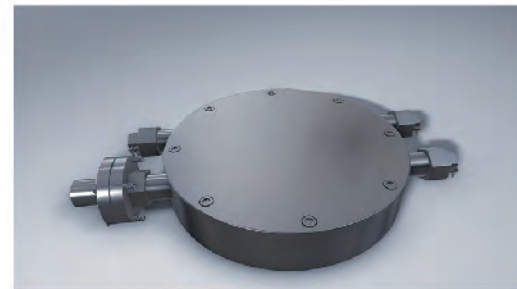
Deep Sea Joint Box



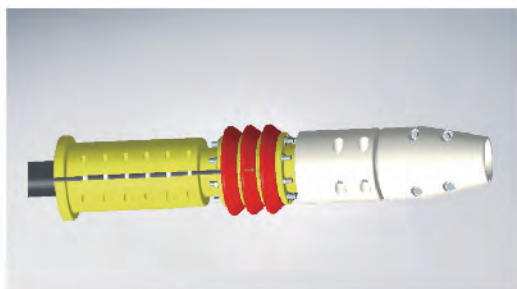
Shallow Sea Joint Box



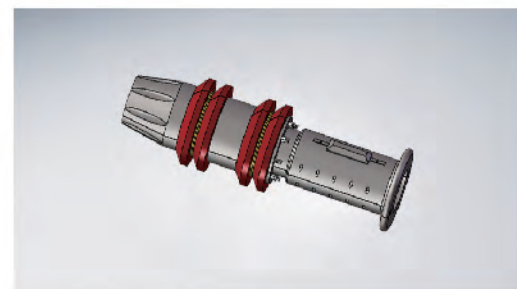
Branching Unit



Beach Joint Box



J-tube Seal



J-tube Centralizer



J-tube Hang-off



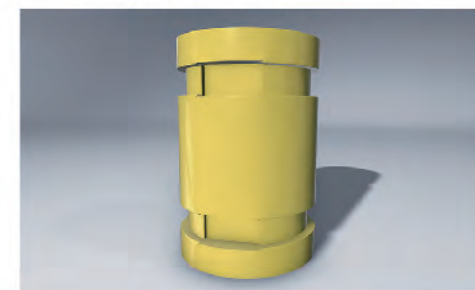
Bend Stiffener



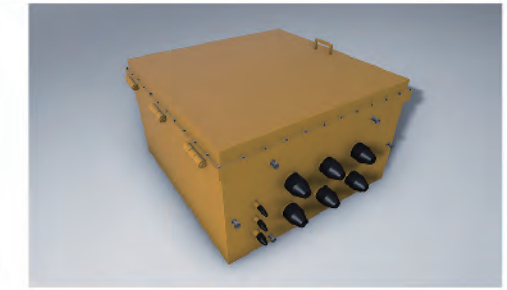
Pull-in Head



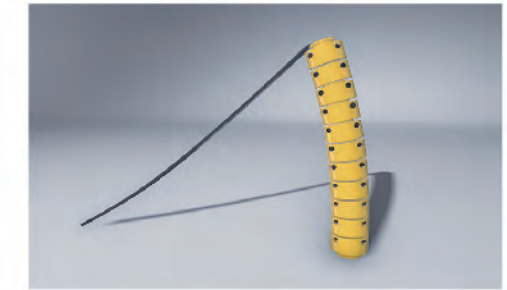
Ductile Iron Protection Pipe



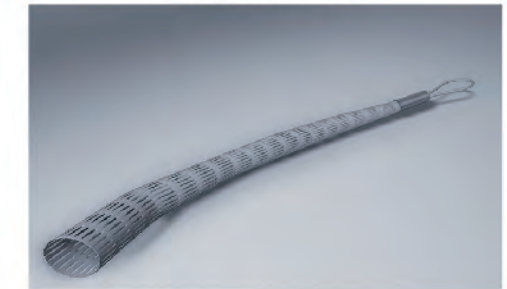
Buoyancy Elements



Topside Splice Box



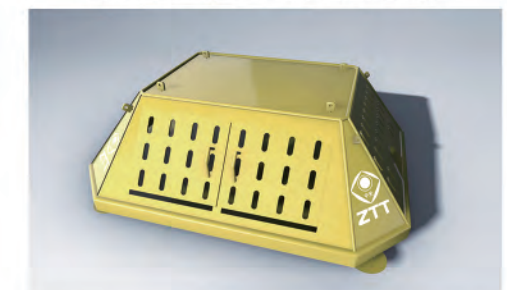
Bend Restrictor



Chinese Finger



Emergency Abandonment Kit



Junction Box

ZTT SPECIAL APPLICATION SOLUTIONS



Relying on independent innovation and the National Twelfth Five-Year Plan 863 Project, ZTT has successfully developed and provided completely transmission and connectivity solutions for marine exploration and underwater operation equipment, providing technical support for the development of marine technology in China.

ROV Cable

ROV cable has zero buoyancy in seawater, flexible bending characteristic, excellent corrosion and abrasion resistance performance.

Umbilical Cable for Underwater Equipment

Umbilical cable has high mechanical strength, high power supply, repeated retraction and abrasion resistance performance.

Metal Armored Cable

Metal armored cable uses high-strength anti-corrosion steel wires as the load-bearing component, which has torque balance characteristic, high mechanical strength, repeated retraction and corrosion resistance performance.

Underwater Connector

Underwater connector is used to realize the on-off switch between the circuit and the optical path, and has good watertight and electrical performance to meet the deep sea optical and electrical signals transmission requirements.

ZTT PORT FACILITIES



Location

90km away from Wusongkou port, Shanghai

Hydrographic Condition

Broad river surface, calm tidewater and straight coast, more than 10m water depth

Meteorological Condition

Annual average temperature 15℃, no silting or frozen

Appropriate Cable Load-out Trackway

80m short distance from submarine cable manufacturing plant

Appropriate Port

Suitable for more than 10000 tons ship to pick up submarine cables directly

