



**Adam Tas Corridor Energy**

# **West Africa Umbilical Optical Cable**





## Overview

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Maroc Telecom has invested a substantial sum of 150 million euros in the development of a state-of-the-art fiber optic submarine cable known as "West Africa." This cutting-edge infrastructure was unveiled during the Gitex Africa 2023 event held in Marrakech from May 31 to June 2. Itissalat Al Maghrib (Maroc Telecom), the Moroccan telecommunications group, has recently made significant strides in expanding its reach across the continent.

Subsea Umbilical Cables Price Trend in Past Five Years and Factors Impacting Price Movements From 2020 to 2025, the Subsea Umbilical Cables price trend has demonstrated notable volatility, influenced by a mix of raw material costs, geopolitical tensions, demand patterns in offshore energy projects. Umbilical Cable by Application (Shallow Water, Deepwater, Ultra Deepwater), by Types (Steel Tube Umbilical Cable, Thermoplastic Hose Umbilical Cable, Power Umbilical Cable, Others), by North America (United States, Canada, Mexico), by South America (Brazil, Argentina, Rest of South America), by. Brazil Chile Colombia Ecuador Perú Mexico Central America & Caribbean Asia Pacific Asia Pacific ASEAN Australia New Zealand China Middle East India Africa Africa Africa en close Search Search close breadcrumb trails: 2 Breadcrumb Home Company Company A Public Company Our Brands Our Business. APAR is one of the very few manufacturers of umbilical cables globally that meet all the necessary criteria from the perspective of design, engineering, manufacturing and testing.



## West Africa Umbilical Optical Cable

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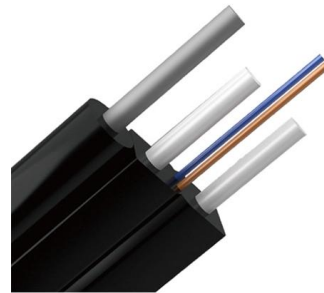


### JDR

Production umbilical An umbilical designed to link surface and seafloor oil and gas equipment for controls, power, or heat. They provide electric and fiber-optic

### West Africa Cable System (WACS) - Submarine Cable System

Ultra-high capacity fibre optic cable system linking Europe, West Africa, and South Africa



### Umbilical cables

APAR is one of the very few manufacturers of umbilical cables globally that meet all the necessary criteria from the perspective of design, engineering, manufacturing

### Umbilical Cable Market Predictions and Opportunities

Regional Growth: Specific regions, such as the Gulf of Mexico and West Africa, are experiencing



a high concentration of deepwater exploration and



## Africa Umbilical Cable Market (2025)

Market Forecast by Countries (South Africa, Egypt, Nigeria, and Rest of Africa), By Type (Power Transmission, Control and Monitoring, Communication, Chemical Injection), By Component



## West Africa Cable System

The West Africa Cable System (WACS) is a submarine communications cable linking South Africa with the United Kingdom along the west coast of Africa that was constructed by Alcatel-Lucent.



## Subsea Umbilicals Market in Western Africa , Report

It examines the complex interplay between project sanctioning, technological innovation in umbilical design, and the evolving competitive strategies of both international service providers



## Umbilicals

In 2014, TechnipFMC opened the world's most capable steel tube umbilical assembly plant in Newcastle, UK. This investment follows the 2012 completion of our dedicated Research and



## FAQ , 2Africa Cable

The cable will incorporate optical switching technology to enable flexible management of bandwidth, increased cable burial depth by up to 50% compared

## Optical tieback umbilicals solution to scale problems in

Shown is a recent 90-km umbilical utilizing two 10 sq mm triad power cables and two 10 sq mm twisted shielded pair signal cables. The fiber optic cable is broken out to show the fibers can be laid into a



## Umbilicals

The umbilicals group operates following TechnipFMC's worldwide QHS& E standards. Effective QHS& E management is a key element to safe and efficient operations and to continuously improving





## West Africa Cable System

About Us WACS (West Africa Cable System) submarine cable is an ultra high capacity fiber optic submarine cable system which links South of Africa and

## Maroc Telecom invests 150 million euros in West African subsea fibre

Itissalat Al Maghrib (Maroc Telecom) has invested 150 million euros in the construction of a new submarine fibre optic cable. The West Africa cable infrastructure connects the company's

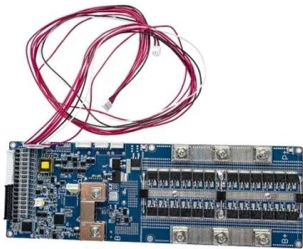
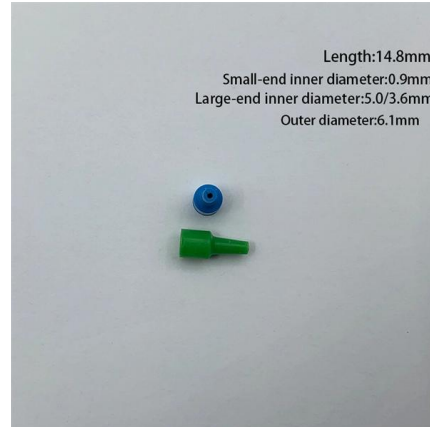


## JDR wins deepwater West Africa umbilical order

LITTLEPORT, UK - Royal Niger Emerging Technologies, a Nigerian oil and gas service company, has awarded JDR a fasttrack contract supporting

## Medusa: a submarine cable to reduce telecom costs in

Infrastructure operator AFR-IX Telecom will extend the Medusa submarine fiber optic cable to West Africa. This expansion is supported by EUR14.3



## Power / Optical Umbilicals , Prysman

Description Power / Optical Umbilicals Datasheet Power\_-\_Optical\_Umbilicals.pdfsave\_alt Related products IWOCS brochure

## What is umbilical cable?

Umbilical cable, a combined cable system that is vital in specific fields, especially in marine engineering and aerospace technology.



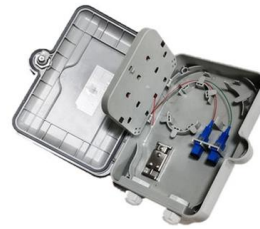
## Umbilical cable

An umbilical cable or umbilical is a cable and/or hose that supplies required consumables to an apparatus, like a rocket, or to a person, such as a diver or



## **Nexans to deliver umbilicals for BP's West Nile Delta Taurus Libra**

PARIS -- Nexans has been awarded a contract to deliver 48 km of static umbilicals to BP, and partner DEA, for the West Nile Delta Taurus Libra project in Egypt.

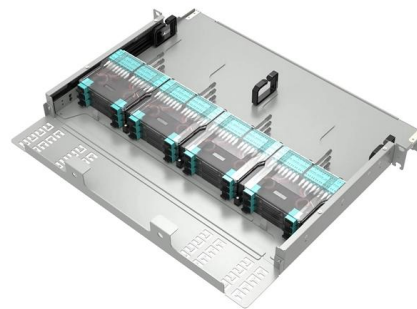


## **Maroc Telecom invests EUR150M to connect West Africa**

Maroc Telecom has invested a substantial sum of 150 million euros in the development of a state-of-the-art fiber optic submarine cable known as "West

## **News Release : Global Subsea Umbilical Cables Production Analysis**

Africa remains a key market for imported Subsea Umbilical Cables, especially for West African deep-water projects. Nigeria, Angola, and Ghana are the primary importers.



## **Subsea umbilical systems , OneSubsea**

Subsea umbilical systems Umbilicals link surface and seafloor oil and gas equipment for controls, power, or heat. They provide electric and fiber-optic signals, electrical power, and hydraulic and chemical



Length:30.0mm  
Small-end inner diameter:1.1mm  
Small-end outer diameter:2.2mm  
Large-end inner diameter:3.1mm  
Large-end outer diameter:5.0mm



### USTDA funds study to extend Medusa cable along

The US Trade and Development Agency (USTDA) has agreed to fund a feasibility study for a plan to extend AFR-IX Telecom's Medusa subsea



### JDR Wins Steel Umbilical Order for West African Deep-Water Field

The umbilical, designed to include a combination of hydraulic control and chemical hoses, low voltage signal cables and a central bundle of steel tube chemical supply lines, is set to be

## Contact Us

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