4-core Special Optical Cable at Offshore Price



Overview

4 Core Fiber Optic Cable Price List with OWIRE SolutionsUnderstanding the 4 core fiber optic cable price list is essential for procurement teams and projec.

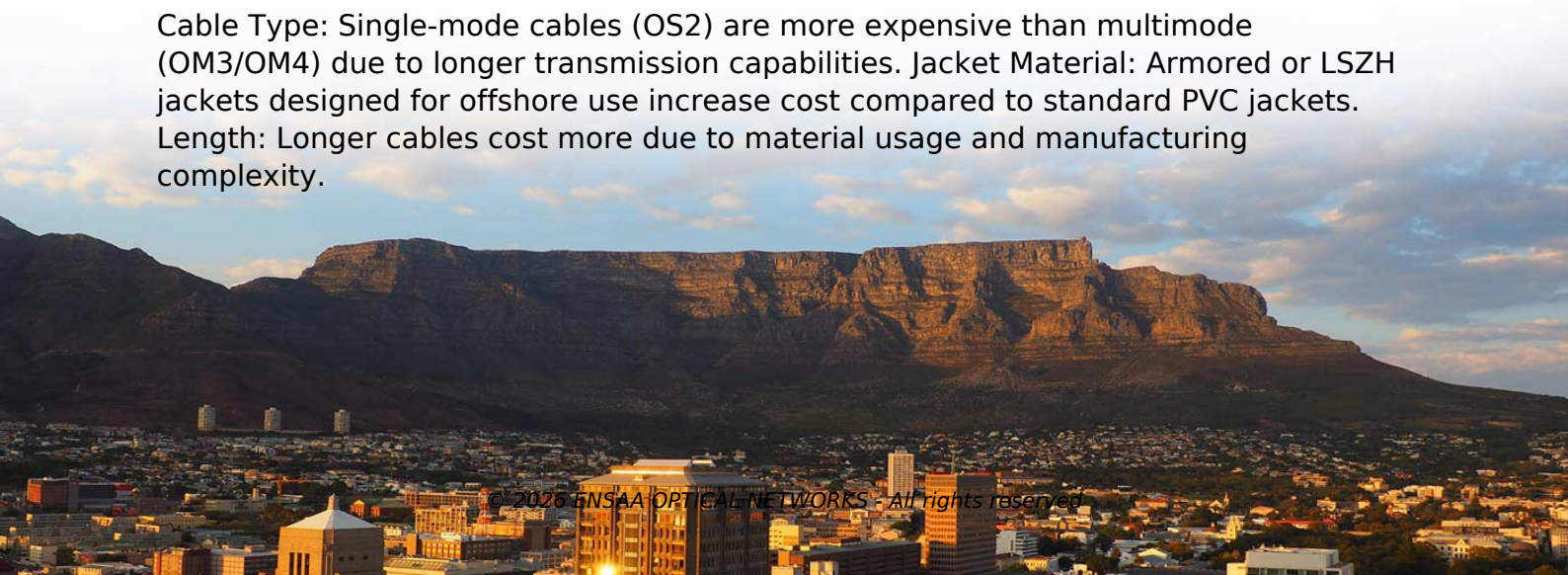
Key Takeaways

The price of 4-core special optical cables for offshore applications varies widely depending on type, length, jacket material, and compliance with international standards. Overview of 4-Core Optical CablesA 4-core optical cable contains four individual optical fibers, typically configured for duplex communication with redundancy. These cables are used for high-speed data transmission in offshore environments, including oil rigs, platforms, and marine installations.

They are available in single-mode (long-distance, higher cost) and multimode (shorter distance, lower cost) variants. Offshore-rated cables often feature armored jackets, LSZH or EPR sheaths, and tinned copper conductors to withstand harsh conditions such as fire, hydrocarbon exposure, and extreme temperatures.

Factors Affecting Offshore Cable Pricing

Cable Type: Single-mode cables (OS2) are more expensive than multimode (OM3/OM4) due to longer transmission capabilities. Jacket Material: Armored or LSZH jackets designed for offshore use increase cost compared to standard PVC jackets. Length: Longer cables cost more due to material usage and manufacturing complexity.



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Standards Compliance: Cables meeting BS6883, UKOOA WB470, ISO/IEC 11801, or TIA/EIA-568 standards are priced higher but ensure reliability and safety. Environmental Resistance: Offshore cables are designed to resist fire, mud, hydrocarbon jets, and high temperatures (up to 1,000 ºC for 3 hours in some Prysmian models), which adds to the cost.

Typical Applications

Power and control systems on offshore platformsHigh-speed data and communication networks for safety and operational monitoringInstrumentation and emergency systems requiring continuous operation under extreme conditions Price RangeWhile exact prices fluctuate based on supplier, specifications, and market conditions, 4-core offshore optical cables generally range from $10 to $50 per meter for standard lengths, with armored or high-specification variants costing more. Bulk orders or custom lengths may affect pricing further. Procurement teams should consult suppliers like OWIRE, Prysmian, or Superlec Direct for detailed quotations and technical guidance.

Recommendations

Verify cable type and fiber mode based on distance and bandwidth requirements. Ensure compliance with offshore standards for safety and durability. Consider armored or LSZH jackets for harsh marine environments.

Request supplier quotations for specific lengths and custom specifications to obtain accurate offshore pricing. By considering these factors, project planners can balance cost, performance, and reliability when sourcing 4-core special optical cables for offshore applications.

Article Content

4 Core Fiber Optic Cable Price List with OWIRE Solutions

Understanding the 4 core fiber optic cable price list is essential for procurement teams and project planners aiming to balance budget constraints

OAE submarine cable pricing options

Determine retail-minus wholesale price by applying OAE''s cost contribution percentage to the benchmark incumbent retail residential and enterprise fixed Internet offered prices

NEK Sealine

The range covers fibre, data, bus and coaxial cables, designed for use aboard yachts, commercial vessels, offshore rigs and defense platforms. Every cable is engineered for uncompromising

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Off Shore Cables | Prysmian

Prysmian offers a wide range of MV cables with diverse design options depending on the reference standards and customer requirements. Low Voltage & Control

AICI OM4 50/125 Armoured Tight Buffered Fibre Optic Cable Marine

AICI fibre optic cable is armoured with a flexible steel braid for easy installation in restricted areas on rig and ships. Designed specifically for use offshore, AICI cable is tight buffered providing fast and easy

Marine Fibre Optic | Belcom Cables

Armada fibre optic cables for shipboard, mobile and offshore applications offer excellent data transmission performance, mechanical and environmental properties.

Submarine Cable

Service ZTT has a team of highly trained product specialist for offshore jobs. Performing feasibility research, cable laying supervision, cable splicing, establishing terminal to its final project

Subsea Cables & Wire

We design and stock an extensive range of specialised Power, Signal, Coax, Fibre Optic and composite cables suitable for use underwater and in harsh environments.

High Quality Submarine Fiber Optic Cable

Discover submarine fiber optic cables with G652D singlemode & steel armor for undersea communication. CE/ISO9001 certified, 25-year life.

Fibre optic cables

Oceanline OLF 04 I/O CT LSHF-FR C 3 kN Universal optical cable for lighter industrial, shipboard, and oil & gas applications, for mixed indoor and limited

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Engineered For The Ocean: The Structural Design Of

These innovations demonstrate the ongoing improvements in marine optical fiber cable design. (8) Summary The structural design of marine optical fiber cables

4-Core Optical Cables Complete Price List_NEWS_OPTICAL FIBER CABLE

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Additionally, some manufacturers may offer discounts or special promotions periodically, so keeping an eye out for these opportunities could lead to further savings when purchasing 4-core optical cables.

OS2 LC to LC Outdoor Armored Fiber Optic Cable 4

Experience unmatched speed and performance with this advanced fiber optic cable. Easy Installation and Connectivity--- The OS2 LC 4-core outdoor armored fiber

The Most Detailed Introduction Of Cables For Offshore

An offshore platform is one of the main facilities for offshore extraction and one of the main facilities used for onshore oil drilling platforms.

INDUSTRY AND OFFSHORE CABLE

AICI, G12-50/OM3 AICI-I/O/RM, Steel wire braided armored fiber optic cable AICI is a steel wire braided armored fiber optic cable designed for industrial and offshore applications. This cable meets fire

Optical Cables for Marine and Offshore Installations | OPTRAL

Offshore fiber optic cables designed for marine and offshore installations. High resistance and durability in harsh environments.

best 4 core ftth cable fiber optic Single mode outdoor

TMT GLOBAL 4 core ftth cable fiber optic Single mode outdoor g657a1/a2 The TMT GLOBAL 4 core ftth cable fiber optic Single mode outdoor g657a1/a2 is a robust

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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