

Price of Zero-Buoyancy Optical Cable



AI Overview

Zero-buoyancy optical cables for ROVs and subsea applications range from approximately \$0.20 per meter to \$279.60 per unit, depending on length, type, and manufacturer.

Pricing Overview

Blue Robotics Fathom Tether: Neutrally buoyant tethers designed for ROVs range from \$30 to \$279.60 depending on length and configuration. Standard tethers are available up to 300 meters, while slim tethers are limited to 200 meters. These tethers include pre-installed connectors and are optimized for low drag and deep-water operations.

HobbyWater Zero-Buoyancy Underwater Cable: Offers options such as 60 meters or 260 meters with 2-core or 4-core watertight connectors. Pricing is not explicitly listed on the site, but these are typically sold as premium subsea cables suitable for ROVs and underwater robotics.

Amazon Zero-Buoyancy Optical-Electric Hybrid Cable: A 100-foot (approximately 30 meters) hybrid cable for subsea robotics and offshore applications is available, with prices varying based on seller and specifications. This cable is designed for long-distance tether management and continuous underwater operation.

Accio and Other Industrial Suppliers: Bulk or high-performance fiber-optic ROV tethers can cost as low as \$0.20 per meter for large-volume projects (e.g., Rovmaker Umbilical Cord Cables) or around \$0.80 per meter for single-mode fiber-optic tethers with high data throughput.

Factors Affecting Price

Length of Cable: Longer cables significantly increase cost due to material and manufacturing complexity.

Connector Type: Watertight connectors (e.g., MCIL, MCBH, Binder 770) add to the price.

Cable Type: Hybrid optical-electric cables are more expensive than purely electrical zero-buoyancy tethers.

Performance Specifications: Tensile strength, abrasion resistance, and seawater durability influence cost.

Volume and Supplier: Bulk orders or industrial suppliers may offer lower per-meter pricing compared to retail or hobbyist suppliers.

Summary

For small-scale or hobbyist ROVs, expect to pay \$30–\$280 per te...

Article Content

Competitive Price Underwater Waterproofing ROV Zero Buoyancy

Competitive Price Underwater Waterproofing Rov Zero Buoyancy Multicore Floating Cable, Find Complete Details about Competitive Price Underwater Waterproofing Rov Zero Buoyancy Multicore

Special Link Cable for Ocean Exploration Robot, Zero

Special Link Cable for Ocean Exploration Robot, Zero Buoyancy Cable, Floating Cable, Rov Buoyancy Cable, Underwater Suspension Cable, Ship Cleaning

Gb / T3956 Zero Buoyancy Cable 1550nm Electrical Connection

Gb / T3956 Zero Buoyancy Cable 1550nm Electrical Connection from Chinese supplier, Shanghai Rousheng Wire And Cable Co., Ltd..

Zero Buoyancy Cable 8-core Neutral Cable Twisted Pair Underwater

1pcs Zero Buoyancy Cable 8 Cores Neutral Cable High Quality Twisted Pair Underwater Robot ROV BlueROV2.

Zero Buoyancy Photoelectric Composite Cable Anti-Seawater Power ...

Zero Buoyancy Photoelectric Composite Cable Anti-Seawater Power Shielding RS485 Network Cable Optical Fiber Watertight No reviews yet \$1 100 - 999 pieces

Neutrally Buoyant ROV Tether for BlueROV2 and Other

The tether comes with a pre-installed Binder 770 connector and WetLink Penetrator. U.S. customers will be charged a tariff surcharge of \$30.00 - \$279.60 for this

Waterproof Multicore Zero Buoyancy Floating Tether

Zero Buoyancy Design: Specifically engineered for underwater ROV applications with zero buoyancy characteristics. Diverse Insulation Options: Available with

Zero Buoyancy Underwater 26AWG Tether ROV Cable

This zero-buoyancy cable is 2x26awg, one side has a 2-core watertight connector female(MCIL 2F), and the end cap is matched with a 2-core watertight connector male(MCBH 2M) Name: Waterproof

ROV zero buoyancy floating cable plus power optical fiber network cable ...

ROV zero buoyancy floating cable plus power optical fiber network cable RS485 combination cable from Chinese supplier, Shanghai Rousheng wire and Cable Co., Ltd..

Special Cable for Underwater Robots, Anti Seawater

Special Cable for Underwater Robots, Anti Seawater Zero Buoyancy Cable, Find Details and Price about Wire and Cable and Robot Cable from Anhui Zhishang

ROV Underwater Robot Cable – Zero Buoyancy Floating Optical

Flexible & Zero-Buoyancy Design – Featuring a lightweight floating insulation structure with low eccentricity, the cable is easy to handle, bend, and deploy, ensuring stable underwater performance

Underwater Zero Buoyancy Cable Strategic Roadmap: Analysis and ...

Explore the booming underwater zero buoyancy cable market. This comprehensive analysis reveals key trends, drivers, restraints, and regional market share projections through 2033,

Underwater Zero Buoyancy Cable Market (2024-2034)

The fiber optic cables segment held the largest market share in 2024, accounting for approximately 45% of the global Underwater Zero Buoyancy Cable Market. The growth of this segment is driven by the

Fathom ROV Tether (by the meter)

The Fathom Tether is a high quality tether cable designed specifically for ROVs and other subsea applications. It is neutrally buoyant, has 350 lb breaking strength,

Floats Strong Neutrally Buoyant

Our lightweight, buoyant designs are customized to your needs. From neutrally buoyant designs to cable that will float on water we can customize your size, buoyancy and strength. Using Linden's patented

Neutrally Buoyant Underwater Cable

Discover neutrally buoyant underwater cables with CE certification, ideal for ROV and submarine applications. Explore flexible, oil-resistant options with aramid

2 Core Zero Buoyancy Fiber Optic Cable for ROV System /Water ...

Product name:Buoyancy fiber optic cable;Color:Yellow/Customized;Conductor Material:Silver plated copper;Cable structure:2-core optical fiber;Filling:Aramid filling;Outer diameter:4.1mm;Characters:Oil

Underwater Zero Buoyancy Cable: Competitive Landscape and

Discover the booming underwater zero buoyancy cable market! Explore its \$750 million (2025) value, 7% CAGR growth, key drivers, regional breakdowns (North America, Europe, Asia-Pacific leading),

Best Price Custom ROV Zero Buoyancy Composite Cable 4-core

The selection of imported high-flexibility waterproof sheath materials ensures that the cable does not break or crack during high-speed movement, and also has waterproof and tensile resistance

ROV Fiber Optic Cable

Stock Yellow Zero Buoyancy ROV Watertight Copper Stranded ROUSHENG Brand Fiber Optic Cable 23/24/26AWG Communication Cable \$0.56-1.24 MOQ: 2 pieces

Factory Price Umbilical Cable Rov Underwater Robot

Factory Price Umbilical Cable Rov Underwater Robot Zero Buoyancy Floating Cable Power Supply Network Fiber Optic Signal Cable, Find Details and Price about

Customized Highly Flexible Zero Buoyancy Cable for

Customized Highly Flexible Zero Buoyancy Cable for Underwater Robot, Find Details and Price about Floating Cable Buoyancy Cable from

Zero Buoyancy Underwater Fiber Optic ROV Tether

I am Interested in your Product - Zero Buoyancy Underwater Fiber Optic ROV Tether Cable: New Design, Please send me more details.

65 Ft Zero Buoyancy Cable, 2-cores Robot-HMC Floating ...

65 Ft Zero Buoyancy Cable, 2-cores Robot-HMC Floating Underwater Cable, UL/CE Certification Oxygen-Free Copper Electrical Wire for Underwater Robot (100ft) Brand: NALMAXO

Rov Cable Zero Buoyancy Cable Neutral Floating Cable

Find verified Rov Cable Zero Buoyancy Cable Neutral Floating Cable suppliers and manufacturers offering competitive wholesale prices. Browse detailed specs, bulk order options, and OEM/ODM

Zero Buoyancy Underwater 26AWG Tether ROV Cable

Standard orders typically ship within one week, while customized orders require

High Quality rov underwater zero buoyancy cable

1. The combination forms include single-core zero-buoyancy cable, multi-core zero-buoyancy cable, and complex combination zero-buoyancy cable formed by

2 Core Zero Buoyancy Fiber Optic Cable for ROV System /Water ...

Brand Name Paide Model Number PDK Type LOW VOLTAGE Size 2SMF Product name Buoyancy fiber optic cable Color Yellow/Customized Conductor Material Silver plated copper Cable structure 2-core

2 Core Zero Buoyancy Fiber Optic Cable for ROV System /Water ...

Jacket PE Type Low Voltage Working Temperature -30~105°C Product name
Buoyancy fiber optic cable Color Yellow/Customized Conductor Material Silver plated
copper Cable structure 2-core optical fiber

Contact Us

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