

RIVO MULTITRADE OPTICAL SYSTEMS

Price of 96-core OPGW optical cable



Overview

Two or three stainless steel optical tubes are helically stranded in the inner layer of a multiple-layer cable.

Key Takeaways

The price of a 96-core OPGW cable varies widely depending on construction, materials, and supplier, typically ranging from \$15 to \$35 per meter, with bulk orders and custom specifications affecting the final cost.

A 96-core OPGW (Optical Ground Wire) cable combines high-capacity optical fibers with a high-strength electrical ground wire, serving both as a lightning protection conductor and a communication medium for power grids and smart infrastructure . These cables are used in high-voltage transmission lines, substation monitoring, and utility communication systems.

Factors Affecting Price

- **Cable Construction:** Standard OPGW cables with aluminum-clad steel (ACS) layers are generally less expensive than heavy-duty, armored, or all-dielectric self-supporting (ADSS) types, which offer enhanced tensile strength, corrosion resistance, or uninterrupted optical transmission during faults .
- **Materials:** Stainless steel tubes, aluminum alloy wires, and water-blocked fiber tubes increase durability but also raise costs .
- **Environmental Adaptation:** Cables designed for harsh climates, high wind, or ice-prone regions are more expensive due to thicker metallic layers and reinforced structures .

- **Supplier and Location:** China is a major production hub, offering competitive base pricing, but shipping, customs, and local taxes can influence the landed cost .
- **Order Volume:** Bulk procurement often provides significant price reductions, while small orders or custom designs may increase per-meter cost .

Typical Price Range

Based on supplier information and market trends, 96-core OPGW cables generally cost between \$15 and \$35 per meter, depending on the factors above . For precise pricing, suppliers such as HuaDong Cable Group, GL Fiber, and DHCable provide quotations upon request, often responding within 12 hours to inquiries .

Recommendations for Procurement

- Request multiple quotations to compare prices and delivery terms.
- Specify cable type and environmental requirements to ensure accurate pricing.
- Consider bulk orders to reduce unit cost.
- Verify compliance with standards such as IEEE 1138, IEC 60794, and TIA/EIA 598A for quality assurance . By considering these factors, buyers can obtain a cost-effective and reliable 96-core OPGW cable suitable for high-voltage transmission and communication applications.

Article Content

96-Core SM OPGW Price Guide 2026

The market for SM 96-core OPGW (Optical Ground Wire) is experiencing steady growth, driven by global grid modernization and the

OPGW Cable Price Guide: How to Estimate Real Costs

A practical OPGW cable price guide covering fiber count, material types, MOQs, and regional cost drivers—so you can

12-96 Cores Central AL-covered Stainless Steel Tube OPGW Cable

GL FIBER Supply 12-96 Cores Central AL-covered Stainless Steel Tube OPGW Cable With Factory Price, Support OEM, All the

96 Core OPGW Cable_HuaDong Cable & Wire

What is 96 Core OPGW Cable ? The Central Tube Optical Ground Wire (OPGW) is surrounded by single or double layers of

AlumaCore Optical Ground Wire (OPGW)

Optical Ground Wire (OPGW) is a dual functioning cable. It is designed to replace traditional static / shield / earth wires on overhead

Optical Fiber Composite Overhead Ground Wire (OPGW)

Two or three stainless steel optical tubes are helically stranded in the inner layer of a multiple-layer cable. The multi loose tube type

AFL CentraCore OPGW Optical Ground Wire

AFL CentraCore Optical Ground Wire (OPGW) is preferred for its compact size and ability to house up to 96 fibers in a diameter

OPGW Optical Fiber Composite Ground Wire

OPGW Optical Fiber Composite Ground Wire Fiber Type: G652D; G655C; 657A1; 50/125; 62.5/125; OM3; OM4 As Options□ Core

OPGW Cable

Find here OPGW Cable, Optical Ground Wire manufacturers, suppliers & exporters in India. Get contact details &

Composite Overhead OPGW 48/96 Cores Single Mode Optical Fiber Cable

Composite Overhead OPGW 48/96 Cores Single Mode Optical Fiber Cable, Find Details and Price about Fiber Optic Cable and

FIBRE OPTIC SYSTEMS FOR OHTL

Introducing fibre optic systems for OHTL Overhead optical fibre cable systems have become a key factor in telecommunications

Product Catalog

Optical Ground Wire (OPGW) Cable Fiberon OPGW is one of the most reliable fiber optic mediums for the telecom service providers,

HexaCore Optical Ground Wire OPGW | AFL EMEA

AFL HexaCore OPGW (Optical Ground Wire) cable utilizes fiber-bearing stainless steel tubes stranded alongside aluminum clad

Factory Price Overhead Line Opgw G652 12 24 48 Core Fiber Optic Cable

Factory Price Overhead Line OPGW G652 12 24 48 Core Fiber Optic Cable OPGW is a type of cable structure with composite of

Item # OPGW (AL-Tube)-1S 48 (M96/R82-64), OPGW Optical Ground

IEC 60794-1-2 Optical fiber cables-Part 1-2: Generic specification - Basic optical cable test procedures IEEE1138-2009 IEEE

HexaCore OPGW Cable | High-Fiber Count Optical Ground Wire

AFL HexaCore OPGW (Optical Ground Wire) cable utilizes fiber-bearing stainless steel tubes stranded alongside aluminum clad

AlumaCore Optical Ground Wire (OPGW)

AFL's AlumaCore OPGW (Optical Ground Wire) combines lightweight aluminum construction with integrated fiber optics for

OPGW Price List

Discover OPGW price lists with 24-96 cores, G652D fiber, CE/ISO9001 certification, stainless uni tube structure, 3-year warranty.

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Technical inquiry: <https://rivomultitrade.co.za/contact.html>

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

