Quotation for OPGW hardware 4 cores



Overview

A practical OPGW price guide covering core count, material specs, supplier tiers, and hidden cost drivers—so you know exactly what influences the final quote.

Key Takeaways

OPGW hardware for 4-core cables includes tension assemblies, dead ends, clamps, and vibration dampers, with prices ranging from ₹130 to ₹4,800 per piece depending on the component.

Key OPGW Hardware Components

Tension and Dead End AssembliesUsed to anchor and terminate OPGW cables securely. Designed to maintain optical fiber integrity and withstand mechanical loads. Price: Approximately ₹1,625 per set or ₹4,800 per piece depending on specifications.

Vibration Dampers (4R Type)Reduce fatigue caused by wind-induced vibrations. Tuned to operate near natural frequencies of the cable. Price: Around ₹130 per piece.

Down Lead Clamps and Earthing Clamps

Ensure proper grounding and secure attachment of OPGW cables to poles or towers. Price: ₹450 per piece for down lead clamps; earthing clamps may vary.

Splice Enclosures and Reinforcing Rods

Protect fiber splices and reinforce cable sections under tension. Prices vary depending on size and material; typically included in hardware sets.



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Suspension Assemblies

Support OPG

W cables along spans, accommodating vertical, transverse, and longitudinal loads. Designed to reduce stress at attachment points and prevent damage to fibers.

Supplier and Standards Information

Suppliers like MM Powerline Transmission and AFL Global provide OPGW hardware that meets IEC, ANSI, and other international standards. Products are type-tested for mechanical and electrical loads, ensuring durability in high-voltage transmission environments. Bulk orders may offer cost advantages, while minimum order quantities typically start at 100 sets for certain components.

Pricing Considerations

Prices vary based on component type, material, and quantity. Environmental conditions, voltage levels, and installation requirements can influence the choice of hardware and cost. It is recommended to request formal quotations from multiple suppliers to obtain competitive pricing and confirm compliance with project specifications.

For a 4-core OPGW cable, a typical procurement package would include tension/dead end assemblies, suspension clamps, vibration dampers, and earthing clamps, with total costs depending on the number of spans and hardware sets required.

Article Content

OPGW Price Guide: How to Evaluate Real Costs

A practical OPGW price guide covering core count, material specs, supplier tiers, and hidden cost drivers—so you know exactly what influences the final quote.

Latest OPGW Cable Price List

As demand for OPGW cables increases, understanding their pricing becomes crucial for utilities and telecommunications companies. This article delves into the factors influencing OPGW

Product Catalog

This is designed for splicing ADSS, OPGW cables and the normal cables to house the fiber core splices to outdoor intermediate optical cable leading to the patch panel in the control room.

Hardware For OPGW Cable

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We manufacture a wide range of hardware fittings for OPGW Optical Ground Wire, including Suspension and Tension Assemblies, Down Lead clamps, Earthing Clamps, Splice Enclosure, Reinforcing Rods,

FIBRE OPTIC SYSTEMS FOR OHTL

To ensure that the OPGW cables will operate successfully in a high-voltage network, all aspects associated with the implementation of the technology must be correctly analysed.

Optical Ground Wire (OPGW) Fiber Optic Cable Hardware

Furnished with four plugged cable ports (2 aluminum and 2 plastic) for either All-Dielectric Self-Supporting (ADSS) or Optical Ground Wire (OPGW) cables, the splice enclosure can be pre

OPGW Cable Price

Discover OPGW price deals on 12-288 core fiber optic cables for 110KV-500KV power lines. CE/ISO certified, single mode G652D, aluminum-steel construction.

Optical Fiber Composite Overhead Ground Wire (OPGW)

OPGW is mainly applied in communication line of newly constructed high voltage transmit electricity system with 35 KV or above, or replacement of existing ground wire of previous overhead high

Fibre optic systems for OHTL

It is best suited to applications where the ground wire will be replaced by an identical cable due to tower limitations. Because of this, OPGW contains exposed elements made of both stainless steel and

OPGW Cable Wholesalers & Distributors in India

Find here OPGW Cable, Optical Ground Wire wholesalers & distributors in India. Get contact details & address of companies engaged in wholesale trade & distribution of OPGW Cable, Optical Ground

OPGW Fiber Optical Cable Manufacturer High Quality

We customize 2, 4, 6, 12, 24, 48 cores of OPGW optical fiber cable. Meanwhile, the price of our OPGW fiber optic cable is competitive.

FIBRE OPTIC SYSTEMS FOR OHTL

Fibre compatible with the OHTL cable Fully dielectric cable that avoids any interference with electromagnetic fields Fibre core protected against moisture penetration and longitudinal water

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TECHNICAL SPECIFICATION Optical Ground Wire

1.1 SCOPE This specification covers Optical Ground Wire Cables (OPGW) for the installation on high voltage overhead power lines. The cable contains optical fibers for data transmission and telecom

Product Catalog

Fiberon has developed technical expertise in fiber optic cables and proven its capabilities in manufacture of energy efficient bare overhead power conductors. Fiberon has integrated these core strengths in

OPGW Cable

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

LadonX™ Optical Fiber Composite Overhead Ground

Hermesys LadonX™ series Optical Ground Wire Cables (OPGW) for the installation on high voltage overhead power lines. The cable contains optical fibers for data

Stranded Type Stainless Steel Tube OPGW Cable

Hunan GL Technology Co., Ltd Supply 12-144 Cores Stranded Type Stainless Steel Tube OPGW Cable With Factory Price, Support OEM, All the OPGW cables supplied from GL FIBER'' OPGW cables are

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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