

Price of OPGW-36B1-48 core optical cable

Article Overview

The estimated price of OPGW-36B1 48-core optical cable ranges from approximately RMB 20,000 to RMB 25,000 per kilometer, depending on material and structural specifications.

Pricing Overview

OPGW (Optical Ground Wire) cables like the 36B1 model are dual-function cables that provide both lightning protection and optical fiber communication capabilities . The price of such cables is influenced by several factors:

- o Fiber Count: Higher fiber counts increase material and manufacturing complexity. A 48-core cable is mid-tier, more expensive than 24-core but less than 72-core configurations .
- o Material Composition: OPGW cables typically use aluminum-clad steel or aluminum alloy. Aluminum alloys are lighter and stronger but costlier than standard aluminum steel .
- o Structural Design: Central aluminum tubes, hermetically sealed fiber sub-units, and steel or alloy wire layers affect durability and price. Designs for extreme weather or high mechanical stress are priced higher .
- o Market Factors: Raw material costs (aluminum, steel) and demand fluctuations can cause price volatility .

Estimated Price Range

Based on recent market analysis, OPGW cables generally fall within the following ranges:

- o 24-core OPGW: ~RMB 15,000 per kilometer
 - o 48-core OPGW: ~RMB 20,000-25,000 per kilometer
 - o 72-core OPGW: Up to RMB 30,000 per kilometer or more
- The OPGW-36B1 48-core cable, with its robust aluminum pipe and steel/alloy layers, is expected to be priced within the RMB 20,000-25,000 per kilometer range, though exact pricing may vary by supplier, order quantity, and shipping terms .

Recommendations

- o Request Quotes: Contact multiple suppliers to obtain competitive pricing and confirm specifications.
- o Consider Material and Design: Ensure the cable meets environmental and mechanical requirements for your transmission line.
- o Factor in Delivery and Installation: Costs may vary depending on shipping distance and installation complexity. This estimate provides a practical reference for budgeting and procurement planning for OPGW-36B1 48-core optical cables.



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OPGW fiber cable is the short form of Optical Fiber Composite Overhead Ground Wire. OPGW cable is suitable for installation on

With over 30 years production experience and 25 years export experience, factory price without any third party. The cable size can

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

Structure: The Stranded Type Stainless Steel Tube OPGW Cable is stranded by double or three layers of aluminum clad steel wires

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

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

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

Zion Communication is a leading China manufacturer of OPGW 48 Core Optical Fiber Cable, providing high-quality Optical Ground

Application: Optical fiber composite ground wire (OPGW), as an advanced communication mode of power system and with unique

A practical, no-fluff guide to evaluating 48-core OPGW cable pricing, specs, and real-world suitability--based on

Opgw 48b1 Optical Fiber Composite Ground Wire, Find Details and Price about Opgw Opgw Cable from Opgw 48b1 Optical Fiber

The optical unit is located in the inner layer. Through advanced process control, a better optical fiber excess length can be obtained

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

What is 48 Core OPGW Cable ? The Central Tube Optical Ground Wire (OPGW) is surrounded by single



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