

# Price list for aluminum-clad steel optical cables

## Article Overview

Aluminum-clad steel optical cables (OPGW/ACS) typically range from RMB 10,000 to RMB 30,000 per kilometer, depending on fiber count, material, and structural specifications.

## Pricing Overview

The cost of aluminum-clad steel optical cables is influenced by several factors:

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**Fiber Count:** Common configurations include 24, 36, 48, and 72 fibers. Higher fiber counts increase the price due to additional materials and manufacturing complexity. For example, a 24-core cable may cost around RMB 15,000 per kilometer, while a 72-core cable can reach RMB 30,000 per kilometer or more, depending on specifications (GL-Fiber Cable) .

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**Material Type:** Cables may use aluminum-clad steel (ACS) or aluminum alloy. Aluminum alloys are lighter and have a higher strength-to-weight ratio but are generally more expensive than standard ACS wires (TANO Cable, Uni-Fiber Cable) .

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**Structural Design:** Cables designed for extreme weather, high load-bearing capacity, or specific installation environments may have higher costs. Single or double layers of ACS wires, or a mix with aluminum alloy wires, affect both durability and price (TANO Cable) .

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**Quantity Ordered:** Bulk purchases often receive discounts, while small orders may have higher per-unit costs (GL-Fiber Cable) .

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**Market Conditions:** Raw material prices for aluminum and steel, supply chain factors, and demand from large infrastructure projects can cause price fluctuations (GL-Fiber Cable) .

## Supplier Examples

- o GL-Fiber Cable: Offers OPGW cables with prices ranging from RMB 10,000 to RMB 30,000 per kilometer depending on fiber count and material .
- o OUFU Optoelectronics: Manufactures high-performance aluminum-clad steel tube fiber optic cables for

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backbone networks, FTTX deployments, and large-scale infrastructure projects, with ISO-certified production and OEM/ODM services .

- o TANO Cable: Provides aluminum tube OPGW cables with ACS or mixed ACS/aluminum alloy wires, suitable for high-voltage and ultra-high-voltage lines, emphasizing anti-corrosion and vibration resistance .

- o Uni-Fiber Cable: Produces ACS wires compliant with IEC, EN, and ASTM standards, suitable for OPGW and OPPC applications .

### Summary

For budgeting purposes, expect prices between RMB 10,000 and RMB 30,000 per kilometer, with higher costs for cables with more fibers, aluminum alloy components, or specialized structural designs. Contacting suppliers directly is recommended for precise quotations, especially for bulk orders or custom specifications.

We are aluminum clad steel wire manufacture and supplier,provide Aluminum Clad Steel Wire, Used in Overhead Conductor and

PBT tube OPGW Construction The core of aluminium clad PBT tube OPGW has structure of stranding pattern,when the multiple

The Aluminum Clad Steel Wire is included in our comprehensive Electric Wire & Cable range.Factory direct solutions offer wholesale

Depending on engineering requirements, the stainless steel tube may also be aluminum-clad steel, ensuring

The optical fiber is sheathed in a tube made of stainless steel, the tube is surrounded by aluminum-clad steel wire (AS wire), and the

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Aluminum Clad Steel Wire is widely used in overhead conductor ACSR/AW, grounding conductor and optical fiber ground wire (

We are aluminum clad steel wire manufacture and supplier,provide Aluminum Clad Steel Wire (ACS) on sale,factory price.

CRU provides comprehensive, accurate and up-to-date price assessments and research reports for bare optical fibre

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ACS, Alumoweld Aluminum Clad Steel Wire ACS APPLICATION ACS- The full name: Aluminum Clad Steel Wire. The aluminum

AFL aluminum clad steel products for utility and telecom applications. Alumoweld is corrosion resistant and

Conex Cable, LLC manufactures overhead transmission line ground wire; guy wire; guy grip wire; AS wire for optical ground wire

Aluminum coated steel wire Conductor for Power Transmission Line Application Aluminum clad steel wire is widely used in long-span

\*List Price in " per metre 11.5% 7.5% 4.5% ... Note : o The above rates are exclusive of GST & any other statutory levies which shall

AS : Aluminum-clad steel wire as per IEC 61232 Standard. AC : Aluminum-clad steel wire as per AS 3607 Standard. The covered

AFL's MASS (Metallic Aerial Self-Supporting) cable delivers rugged, all-metal construction and integrated fiber optics for aerial

Web: <https://www.kremgroup.co.za>

