

Price of tensile optical cable fittings



AI Overview

The price of tensile optical cable fittings varies widely depending on type, material, span length, and load capacity, typically ranging from tens to hundreds of dollars per unit.

Types of Tensile Optical Cable Fittings

- ADSS Tension Sets** Used for ADSS cable installation on strain towers, angle towers, or dead-end poles. Available in Short Span (400m) configurations. Materials include aluminum-clad steel and galvanized steel wire, designed to hold up to 95% of the rated breaking strength (RBS) of the cable.
- OPGW Fittings** Include suspension clamps, tension clamps, double tension assemblies, vibration dampers, and splice enclosures. Double tension assemblies allow two OPGW cables to pass through a single tension point, simplifying installation and reducing the number of fittings needed. Typically made from high-strength aluminum alloy to withstand mechanical, electrical, and environmental stresses.
- Joint Boxes and Termination Units** Protect optical fibers from water, humidity, and mechanical stress. Often rated IP67 for high tightness and durability. Designed to accommodate cable diameters from 9 mm to 28.6 mm.

Factors Affecting Price

- Span Length:** Longer spans require more robust fittings, increasing cost.
- Material:** Aluminum-clad steel and galvanized steel are standard; higher-grade alloys or corrosion-resistant coatings increase price.
- Load Capacity:** Fittings rated for higher tensile strength or heavy-duty applications cost more.
- Type of Fitting:** Specialized fittings like double tension assemblies or pre-tension sets are more expensive than standard clamps.
- Supplier and Certification:** ISO-certified manufacturers or suppliers offering custom designs may charge a premium.

Price Range Estimates

- Short-span ADSS tension sets:** Typically \$50–\$150 per unit depending on material and supplier.
- Medium/Long-span ADSS tension sets:** Can range from \$150–\$500 per unit due to higher load capacity and additional components.
- OPGW double tension assemblies and specialized fittings:** Often \$200–\$600 per unit, depending on design...

Article Content

TECHNICAL SPECIFICATION

For optical fibres/ Fibre Optic cables, at least three reels/ drums of each type of fibre/cable proposed shall be offered for selection. For FO cable installation hardware & fittings at least ten (10) samples

Preformed Optical Cable Fittings: Reliable & Customizable

Discover preformed optical cable fittings with corrosion resistance, UV protection, and customizable options. Find verified suppliers, competitive pricing, and fast delivery.

ADSS Fiber Optic Cable Fittings

Find high-quality fiber optic cable fittings for your network. Shop our range of ADSS tension clamps, OPGW accessories, and more. Bulk orders welcome.

Fittings for ADSS optical cable

The fittings of ADSS optical cable mainly include: 1) tension fittings, 2) suspension fittings, 3) shock absorbers, 4) guide wire clips. The role of tension fittings: tension fittings are mainly

Fiber Optic Fittings

ZMS Cable we have an independent department that focuses on the design and manufacture of high-end aerial optical cables. (ADSS, OPGW) Y fiber optic fittings (ADSS accessories, OPGW

OPGW Fiber Optical Cable Manufacturer High Quality

OPGW cable is usually custom-designed to best match the optical, electrical, mechanical, quality, and cost requirements of each project.

Hardware for ADSS Cable

ADSS suspension clamp is a heavy duty, versatile, and reliable solution for securely suspending ADSS (All Dielectric Self-Support) aerial fiber optic cable. The versatility of the clamp allows the installer to

Tensile Force Fiber Optic Fittings ADSS Preformed

Tensile Force Fiber Optic Fittings ADSS Preformed Dead End Helical Tension Set for 6~16mm Round Cable End Grip, Find Details and Price about Preformed

Overhead Line Hardware & Accessories | Global OHL

We offer a full range of AB Cable (Aerial Bundled Cable) accessories and fittings which conform to NFC and IEC standards. These products are available for all

Fiber Optic Cable Tensile Testing Equipment

Fiber Optic Cable Tensile Testing Equipment, Find Details and Price about Tensile Testing Machine and Tension Tester from Dongguan Wirecan Technology Co., Ltd.

Power System OPGW ADSS Fitting

Application Guidance Of OPGW And ADSS Cable fittings 1 rst-phase preparation A. Data collection: including the transmission line manual (voltage, conductor,

OPGW FITTINGS AND ACCESSORIES

Opgw cables are suspended from the tower structures using fittings and accessories that provide support, tension, and a secure connection between the cable and

FTTH Installation Fittings

FTTH Installation Fittings ADSS Cable Steel Helical Tension Clamp Dead End Spiral Clamp Preformed Guy Grip Preformados Fibra Optica Cable tension clamp is

What Are The Main Types Of Fiber Optic Cable Fittings?

Splice Closure Function: Protects the optical cable splicing point, providing waterproof, moisture-proof, tensile, and mechanical protection.

ADSS Optical Fiber Cable Tangent Suspension Clamp

ADSS Optical Fiber Cable Tangent Suspension Clamp Dead End Clamp Fitting Assembly, Find Details and Price about ADSS Suspension Fittings

ADSS OPGW Fiber Optic Cable Hardware

Optical Cable Tension Clamps / Guy Grip Dead-end Fittings for ADSS Tension clamps are a dielectric termination designed to terminate short span, low tension

Hardware For OPGW Cable

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

RIBE® Electrical Fittings – OPTOFIT® OPGW / OPPC Accessories

Our RIBE-OPTOFIT® accessories offer the ideal solution for connecting fiber optic overhead cables and terminating the optical signal, and perfectly complement proven RIBE-OPTOFIT® fittings.

Fiber Connectors

Fiber Optic Cable Connectors are used to connect two runs of fiber optic cable. The most popular versions include, push-on Square Connectors (SC), snap-in Lucent Connectors (LC), and twist-on

PriceList for Adss Fiber Optic Cable Price

PriceList for Adss Fiber Optic Cable Price - OPGW Optical Cable Tension Clamps/Dead-end Fittings - GL Technology

Optical Cable Accessories Long Span Pre Tension Set

According to span length or tensile strength of optical cable, ADSS Helical Tension Set is divided into three different kinds, which include Short Span ADSS Tension

Optical Fiber Ground Wire OPGW Hardware Fittings

Manufacturer of Optical Fiber Ground Wire OPGW Hardware Fittings - Tension / Dead End Hardware / Tension Assembly For OPGW Cable, Tension & Dead

Fiber optic tension fittings

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GENERAL INFORMATION

Tensile Load Strength For fiber optic cable, the tensile strength of a cable represents the highest load or pulling force that can be placed upon any cable before any damage occurs to the fibers or their

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.introspec.co.za>

Email: info@introspec.co.za

Phone: +27 73 849 2156

Address: 25 Riebeek Street, Cape Town, 8001, South Africa

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