

Use of Optical Cable Suspension Fittings



Overview

This product is used for to play a supporting role, to suspend the all-dielectric self-supporting optical cable (ADSS) on a pole tower with a line turning angle less than 25° Under full tension, connect the optical fiber composite overhead ground wire (OPGW) to the. This product is used for to play a supporting role, to suspend the all-dielectric self-supporting optical cable (ADSS) on a pole tower with a line turning angle less than 25° Under full tension, connect the optical fiber composite overhead ground wire (OPGW) to the. through the optical fibers. The fittings used for the installation and operation of optical fiber aerial cables must therefore meet exceptional to meet these requirements. The whole set of suspension clamps consists of: inner preformed armor rods, outer preformed armor rods, housing and rubber pads, U-shaped strap, aluminum casting. Suspension Fittings are a category of fittings used in overhead transmission lines for suspending and securing conductors (or optical cables). Typically located on the vertical upper section of towers, they connect the conductor to the insulator string, undertaking the tasks of transferring. suspension clamp Type: fiber suspension clamp Classified into different types according to the span of the optical cable, common types include: AXC-100/12, AXC-200/13, AXC-400/13. SRR and outer rods cannot be reused.



Article Content

Sep 19, 2025

Suspension sets for fibre optic cable | SAPREM

Typical strings for fibre optic cables [DOWNLOAD PDF](#) SUSPENSION SETS 1. Shackle
2a. Twisted chain link 2b Eye chain link 3 Armour grip suspension clamp

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Suspension Fittings Guide: Functions, Types, Selection

Definition: Suspension Fittings (also known as Suspension Clamps or Hanging Fittings) are a set of fittings used to suspend conductors/optical cables from insulator strings, commonly used

Nov 26, 2025

Aerial Cable Placing Procedure

Abstract An aerial cable is an insulated cable usually containing all fibres required for a telecommunication line, which is suspended between utility poles or electricity pylons. Aerial optical

Oct 18, 2025

ADSS / OPGW Accessories for Data & Communications

ADSS / OPGW accessories are a range of hardware components used in the installation and maintenance of data communication cables.

Apr 17, 2026

Cable Fitting Serious Low Voltage ABC 8kn Cable Suspension Clamp

Product Features optical cable fitting fiber optic J hook suspension clamp Hook clamps are designed to provide a suspension form 4*5mm to 9*5mm aerial Fig8 cables at intermediate poles on cable routes

Sep 21, 2025

RIBE-OPTOFIT® RIBE-OPTOFI

RIBE-OPTOFIT® HELICAL FITTINGS - OPTIMIZED DISTRIBUTION OF RADIAL FORCES TO THE OPTICAL FIBER CABLE RIBE-OPTOFIT® fittings are designed to meet the increased demands on

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Suspension Fittings Guide: Functions, Types, Selection

Suspension Fittings are a category of fittings used in overhead transmission lines for suspending and securing conductors (or optical cables). Typically located on the vertical upper

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Install 22 ADSS 2017-06-23

1.4 Prysmian ADSS fiber optic cables meet or exceed IEEE 1222-2011 "Standard for Testing and Performance for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable for Use on

Feb 07, 2026

OPGW Installation Accessories - Premium Cable Grips

ZION Communication focuses on optical fiber cable hardware products, offering FTTH and ADSS series solutions—including stainless steel, nylon, and

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Fiber Optic Fittings

The preformed fiber optic suspension hardware kit is used to fix the conductor in the insulating cord of the straight line tower, or to hang the lighting cable on the straight line tower.

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What are the Differences between Suspension Clamps

The use of suspension clamps can well protect the optical cable, assist in vibration reduction, and extend the service life of the line.

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Complete Guide to OPGW Hardware Fittings and Uses

OPGW hardware fittings refer to specialized components that support and protect optical fiber optic cables integrated within overhead power

Aug 31, 2025

Optical Network | Manifold

Applications Suspension Fitting Assembly will be used for holding aerial ADSS cable at all intermediate poles between tension poles. Suitable for cables with 8-18 mm diameter where tensile strength is

Apr 02, 2026

FIBERLIGN® Suspension

The FIBERLIGN Suspension uses a combination of structural reinforcing rods (SRR), outer rods, housing halves, and resilient inserts to reduce compression, clamping,

Oct 08, 2025

Detailed Explanation Of ADSS Optical Cable Hardware

ADSS preformed suspension clamps are mainly used in overhead self-supporting ADSS cable lines, for hanging fiber optic cables, similar to the role of

Aug 09, 2025

Lighting Cable Suspension Systems | Complete Hanging

Griplock® Systems has been providing adjustable cable lighting suspension systems to virtually every Lighting Manufacturer in North America since 1992.

May 09, 2026

Mechanical Suspensions Single and Double

AFL's Mechanical Suspension installs easily while supporting vertical, transverse, longitudinal unbalanced loads and angle pulls without damaging the cable

Nov 12, 2025

Role of Different Types of OPGW Fittings

Conclusion OPGW fittings play a pivotal role in ensuring seamless data transmission alongside electrical power. Splices, connectors, dead-ends,

Dec 19, 2025

Fittings for metal-free optical fibre aerial cables (ADSS)

LTA - Armour grip suspensions Application HELUCOM® ADSS armour grip suspension is used for the movable suspension of conductors and optical fibre aerial cables on suspension towers. The armour

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Figure 8 Cable Suspension Clamp SSA

Figure 8 Cable Suspension Clamp SSA other called aerial suspension clamp is designed to suspend figure-8 fiber optic cable on short spans during outdoor

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Types And Characteristics Of Fiber Optic Cable

Its main technical parameters are the clamp breaking force (kN) and cable diameter (mm), and the basic configuration is one set per straight-line tower.

Jun 26, 2025

ADSS Installation Accessories – Premium Aerial Cable

ADSS Anchor Tension Clamps are hardware fittings used to securely terminate and anchor ADSS fiber optic cables on poles or towers without damaging the cable.

Oct 16, 2025

Types And Characteristics Of Fiber Optic Cable

The suspension clamp assembly should be able to withstand the vertical load of the optical cable, and the clamp itself should not generate stress

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Suspension Clamp Archives

Fiber suspension clamp is a connection fitting designed for overhead optical cables, used to hang optical cables on transmission line towers.

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ADSS Cable Accessories – Complete Guide for Fiber

Get everything you need for successful ADSS cable installation: suspension clamps, anchor clamps, down lead clamps, and pole fittings. Proven

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How to Choose the Right ADSS Cable Accessories and

Suspension Clamps: Used to cradle the ADSS cable at points between poles or towers. These clamps reduce bending stress and let the cable

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RIBE-OPTOFIT® RIBE-OPTOFI

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.

Jun 29, 2025

Lighting Suspension Special Fittings

Hard to find Lighting fixture suspension special fittings for use in suspending light fixtures, track lighting art displays, signage and more. Popular for set dressing for

Oct 17, 2025

FITTINGS ACCESSORIES

Used for intermediate connection and branch protection of optical cable lines, can play a role in sealing, protecting and placing optical fiber joints and storing

Nov 27, 2025

Complete Guide to OPGW Hardware Fittings and Uses

Unlock the secrets of opgw hardware fittings with our comprehensive guide. Learn how these fittings can enhance your infrastructure.

Contact Us

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