

Fiber optic cable suspension string



Overview

Optical Cable Preformed Suspension String is a durable accessory designed to securely support and suspend optical fiber cables on overhead transmission lines. The FIBERLIGN Suspension uses a combination of structural reinforcing rods (SRR), outer rods, housing halves, and resilient inserts to reduce compression, clamping, and bending stresses on OPGW and the optical fibers within it. SRR and outer rods cannot be reused. Hardware components can be reused. Typical strings for fibre optic cables

DOWNLOAD PDF SUSPENSION SETS

1. Twisted chain link
- 2b Eye chain link
- 3 Armour grip suspension clamp
- 4 Parallel Groove clamp
- 5 Earthing connector

To consult details about steel fittings, earthing connectors and guy grip dead end

The unique design of the lightweight AFL Mechanical Suspension supports spans of optical ground wire (OPGW) cable through a wide range of line angle changes. The versatility of the clamp allows the installer to either fix the clamp to the pole using a through bolt or band. The inner strands are tightly wound around the optical fiber cable, while the outer strands wrap around the inner strands, connecting to utility poles or other fixing devices through the heart-shaped. The tension fitting is a dielectric termination designed for the termination of short reach fiber optic cables in low tension environments.



Article Content

Mar 16, 2026

Suspension Clamps for Figure-8 Cables

Suspension clamps for figure 8 cable are designed to suspend figure 8 fiber optic cable of different diameters with messenger's types on the short spans. Clamps

Oct 16, 2025

Overhead Fiber Optic Cable Installation Requirements

Overhead fiber optic cable is an optical cable installed on poles. One of the most advantage is that it can save costs and shorten the construction period.

Jun 19, 2026

Suspension String (ADSS Optical Fiber Preformed Strand Suspension

2. Cable Protection The pre-twisted structure evenly distributes mechanical stress, preventing concentrated forces on the optical fiber cable while providing excellent protection to reduce the risk of

Jan 24, 2026

Suspension Clamp For Figure-8 Cables, SSA-1

Suspension clamp for figure-8 cables SSA-1 other called fthh suspension clamp is developed to suspension or support figure-8 fiber optic cable of different

Oct 13, 2025

Fthh Suspension Hook, Yk-06

Fthh suspension hook also called fiber optic cable clamp hook, is designed to tension or suspension drop cable wire clamps or FTTH anchor clamps with suitable fiber

Nov 29, 2025

Suspension Wire Aerial Type Fiber Optic Cable

Custom Type - Aerial Suspension Fiber Optic Cable We provide solutions for your special fiber cable needs with reliable manufacturers we have worked with for

Jun 24, 2026

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

Sep 08, 2025

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

May 07, 2026

Fiber Suspension Clamp

Fiber Suspension Clamp, also known as fiber optical hooks, is commonly used to protect non-self-supporting overhead outdoor fiber optic cables, including ADSS

Jan 02, 2026

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FIBERLIGN Vertical Cable Storage Note: For hardware accessories see sections 7 and 9. FIBERLIGN® Lite Tension Dead-end for all Di elec tric Self-Supporting (ADSS) Fiber Optic Cable Installed

May 16, 2026

Optical Cable Fitting Fiber Optic J Hook Suspension Clamp

Product Features optical cable fitting fiber optic J hook suspension clamp Hook clamps are designed to provide a suspension for 5 to 15mm aerial ADSS cables at intermediate poles on cable routes with

Apr 25, 2026

ADSS OPGW Fiber Optic Cable HDG Pole/Tower

The Preformed Suspension Clamp is the connecting hardware of ADSS cable hang in transmission line pole (tower). It can reduce static stress at the support point

Jan 01, 2026

FTTH Installation Accessories – Premium Cable

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

Dec 14, 2025

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.

Oct 28, 2025

Suspension Sets-ZHENDONG FIBER OPTIC CABLE

We manufacture various kinds of fiber optic cable for outdoor application scenarios. We can make 2~432F fiber optic cable, and we have extraordinary efficiency in

Mar 31, 2026

Suspension Clamp CS

Suspension clamp CS other called figure 8 cable suspension clamp is developed to suspend or support figure-8 fiber optic cable on short spans during outdoor FTTX

Jun 17, 2026

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

Dec 02, 2025

Suspension String (ADSS Optical Fiber Preformed Strand Suspension

Used to fix ADSS (All-Dielectric Self-Supporting) optical fiber cables on tension towers or terminal towers, bearing the cable's tensile force to maintain stability within the tension section.

Mar 02, 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

Jan 04, 2026

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

Jul 28, 2025

FIBERLIGN® EZ Cushion Suspension

The FIBERLIGN EZ Cushion Suspension uses elastomer inserts to reduce static and dynamic stresses at the support point in the OPGW system.

Jun 18, 2026

FTTH drop cable suspension clamp PS-M

Ftth drop cable suspension-clamp D7M / PS-M FTTH drop cable suspension clamp PS-M also called PSR FO D58 clamp used to suspend and fix round or flat fiber

Mar 19, 2026

ADSS OPGW Fiber Optic Cable Hardware

Tension clamps are a dielectric termination designed to terminate short span, low tension ADSS fiber optic cables in low voltage environments. Manufactured by

Jun 04, 2026

The FOA Reference For Fiber Optics -Outside Plant

Aerial Cable Installation Aerial Cable Installation Deploying fiber above ground on poles or towers removes the need for underground digging and is particularly

Sep 21, 2025

Optical Cable Preformed Suspension String

Optical Cable Preformed Suspension String is a durable accessory designed to securely support and suspend optical fiber cables on overhead transmission lines. Made from high-strength, corrosion

May 25, 2026

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

Jan 22, 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,

Contact Us

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