

## Optical cable suspension string unit



### Overview

Optical Cable Preformed Suspension String is a durable accessory designed to securely support and suspend optical fiber cables on overhead transmission lines. AFL's Mechanical Suspension installs easily while supporting vertical, transverse, longitudinal unbalanced loads and angle pulls without. 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 endADSS cable accessories are simply fittings that are used to fix the ADSS cables to the poles so that the cables can perform their duties as required. ADSS Accessories. PP-3-00062, Revision 10, 6. 2025 Specifications are subject to change without notice.

## Article Content

### Suspension clamps

The suspension rods, consisting of TG (1), thimble (2), and UTA rods (3), is used for the flexible suspension of non-metallic optical fiber aerial cables on support mast.

### 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

### FIBERLIGN® Suspension

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

### Suspension string for OPGW cable

OPGW cable will be hung in the transmission line towers. Clamp can reduce the cable hanging points in the static stress, enhance the ability of cable vibration, the dynamic vibration suppression of wind

### Aerial Line Accessories

Fiberlign Spiral Vibration Damper Long Span Suspension Unit (ADSS/OPGW) Fiberlign Downlead Cushioned Clamp Fiberlign Non-insulated Downlead Clamp for OPGW Includes: Stay Rod,

### Suspension String (ADSS Optical Fiber Preformed Strand Suspension

Functional Features 1. Tension Anchoring 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

### Optical Fiber Cable Suspension String Fiber Clamps Product

Bridge Frame, Bracket, Cable 4. why should you buy from us not from other suppliers? China Railway 11th Bureau Group Electric Engineering Co., Ltd. has always adhered to the values of "integrity and

### FIBERLIGN Suspension for OPGW

IBER-LIGN Suspension is 30°. For OPGW line angles between 30° and 60°, the FIBERLIGN Suspension: Double is recom-mended, although double ead-ending is another option. Double units

### ADSS Suspension Unit

AFL's ADSS suspension unit is used to provide long term performance for spans up to 1200 feet. The interlocking halves of the aluminum body clamp provide positive

## Installation Manual-OPGW Suspension Set | PDF

The document provides installation instructions for a single suspension set used to hang fiber optic cables. It lists the components, describes 16 steps to install the

### Optical Cable Preformed Suspension String

A preformed armor grip suspension assembly is a specialized suspension device designed for overhead optical cable lines. It is primarily used to secure and protect optical cables while ensuring their

### Suspension Cable

A suspension cable is defined as a main load-carrying member in a suspension bridge, made of high-strength steel, that is suspended between towers and supports the weight of the bridge deck through

### Single & Twin Conductor Tangent Suspensions

Single & Twin Conductor Tangent Suspensions PLP Tangent Suspension String Assemblies support the conductor as it runs tangent to the structure. I-String or V-String configurations can be designed to

### Suspension String (ADSS Optical Fiber Preformed Strand Suspension

Transmits the tensile force of the optical fiber cable to the tower or other fixed structures through the clamp, achieving effective tension transfer and maintaining the cable's stable mechanical performance.

### ADSS Trunnion Assemblies

Trunnions reduce installation costs by functioning as a pull-through during installation (maximum line angle for stringing is 15° total, 7.5° per side, number of structures

### 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

## Contact Us

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