

Function of Optical Cable Clamps for Power Transmission Lines



Overview

An ADSS suspension clamp is a designed hardware component used in overhead power line and telecommunication networks to support all-dielectric self-supporting cables (ADSS) fiber optic cables. The clamp suspends and secures ADSS cables onto utility poles without damaging the cable sheath. It makes the cable hang down freely with no tension but maintains the bending stress to a lower level. The primary function of a suspension clamp is to suspend the cable while ensuring that it remains in place and doesn't move. We manufacture a wide range of hardware fittings for OPGW Optical Ground Wire, including Suspension and Tension Assemblies, Down Lead clamps, Earthing Clamps, Splice Enclosure, Reinforcing Rods, Vibration Dampers, etc.



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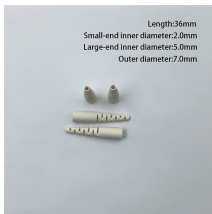
Suspension clamps allow movement and distribute dynamic loads, while strain clamps anchor cables at endpoints, absorbing static tension and preventing movement.



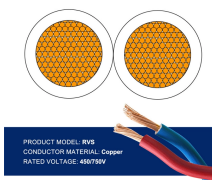
An ADSS tension clamp (also known as a fiber optic dead-end clamp) is used at the terminal of a span or at the point where the course may change. It forms a rigid hold to the cable ...



The OPGW Hardware Fittings are instrument used for surge protection of communication and transmission lines. It replaces the earlier PLCC (using waves as the transport medium) with an ...



ADSS OPGW Fiber Optic Cable HDG Pole/Tower Mount Suspension Clamp ... The Preformed Suspension Clamp is the connecting hardware of ADSS cable hang in transmission line pole (tower).



HOC fiber optics on power lines solution provides not only OPGW and ADSS cable, the cable fitting such as clamps for tension and suspension, down lead clamps, vibration clamp, plastic damper and ...



Suspension clamps are an indispensable part of cable installation, particularly for overhead power lines and telecommunications networks. They provide the necessary support to ensure that cables remain ...



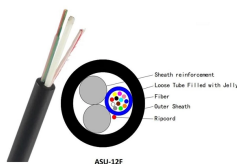
The clamps protect the cable mechanically and electrically, ensure long service life in harsh outdoor conditions, and maintain fiber optic performance in overhead power line networks.



The hardware provided is designed to meet both the construction and performance requirements such that the ground wire function, the optical fibre integrity and optical transmission characteristics are ...



Our suspension clamps provide strong, reliable support for overhead lines, ensuring stability and safety in various environmental conditions. Each clamp is engineered for durability and ease of installation, ...



OPGW suspension clamps are essential hardware components used to support Optical Ground Wire (OPGW) in overhead power transmission systems. OPGW combines the functionality of ...

Contact Us

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

Website: <https://indzawo.co.za>

Email: sales@indzawo.co.za

Phone: +27 71 296 8473

Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

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