

# Y-type optical cable vibration damper

It is an interference type damper designed to attenuate the energy of cable vibration and restrain cable vibration amplitude by impacting with its damping section, so as to protect cables.

Discover how OPGW cable vibration dampers mitigate wind-induced vibrations, reducing fatigue and extending the lifespan of overhead fiber optic cables. Learn about their design, benefits, and best ...

Big vibration amplitudes may result in damages to the cable due to bending and fatigue loads. This decreases a cable's durability and may even endanger structural safety.

OPGW Vibration Damper Vibration dampers work to cancel damaging fatigue caused by wind-induced vibration. Most tuned damping devices operate best near their natural frequencies.

Such as spiral vibration damper and anti-bird stings, to reduce the impact of wind vibration and external force damage on optical fiber cables. Fix the direction of the optical fiber cable from the tower to the ...

Clamp Type Vibration Damper for ADSS/OPGW cables, with tuning fork structure of Damper Weight, is validated by China Electric Power Research Institute that there are four frequency between ...

The VORTX Vibration Damper responds to wind-induced line vibration that is characterized by high-frequency, low-amplitude motion commonly known as aeolian vibration.

The Hubbell spiral vibration damper (SVD) reduces Aeolian vibration on ADSS cable, Conductor, and Shield Wire/OPGW. Aeolian vibration is a high frequency, low amplitude caused by wind passing ...

This damper is especially designed for installation with ADSS fibre optic cables, improving the performance of the conventional stockbridge vibration damper when used with this kind of cables.

With wide frequency range, the 4D vibration damper can highly consume vibration energy, and effectively dissipate the energy caused by cable Aeolian vibration, reduce cable vibration horizontal, ...



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