

POLE ACCESSORY

SNAKE VIBRATION DAMPENER

FEATURES

Snake Dampeners are long, flexible vibration control devices that slide inside the Pole like a snake. Its job is to reduce the natural frequency of the pole which helps to cut down on the "whipping" or aeolian vibration that can happen when steady, low velocity wind passes across tall, hollow Poles. Instead of the Pole swaying or vibrating too much (which over time can loosen bolts, crack welds, or fatigue the metal), the Snake Dampener shifts around inside the Pole, absorbing that energy and keeping the movement under control.

Material

The Dampener is constructed of a flexible 1.25" diameter PVC tubing containing a tightly wrapped bundle of steel cable, cut to an overall length of 60% of the total height of the pole.

Intended Use

The Dampener, which is field-installed, is set in place through the Pole's Hand Hole to disrupt the vibration of the Shaft.

INSTALLATION PROCEDURE

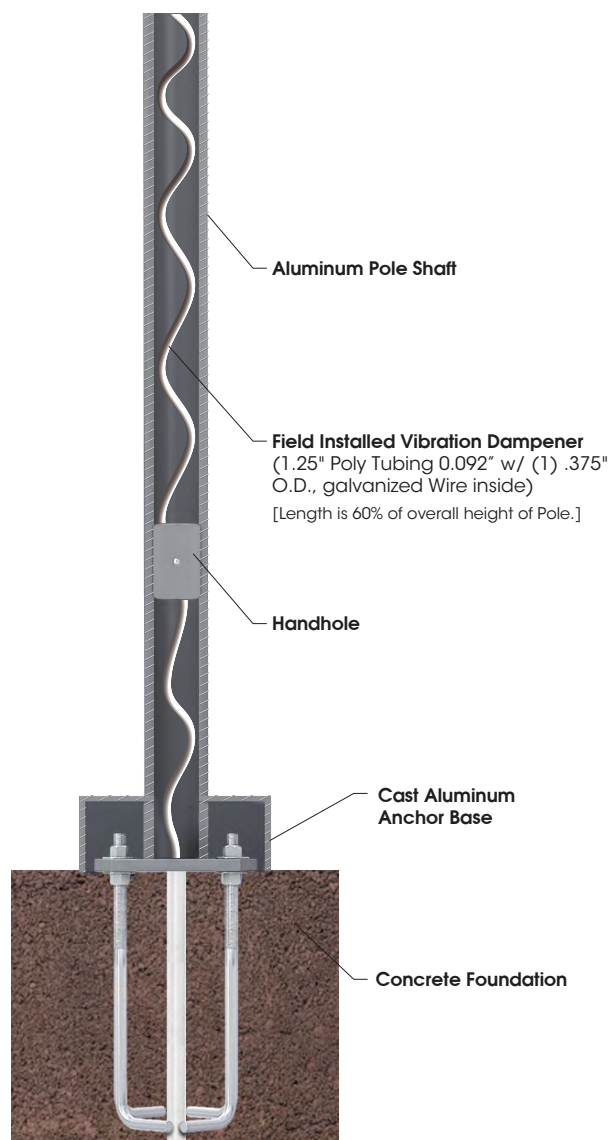
CAUTION: Before installation, power to the Pole should be disconnected and an inspection made by an authorized electrician to ensure that the Wiring and Electrical Components will allow for easy and safe insertion to the Dampening System. Items such as Terminal Block and Fuse Assemblies may require temporary removal.

1. Remove Handhole Door from the Pole in which the Dampener is to be inserted.
2. Insert one end of the Dampener into the Pole through the Handhole opening.
3. Push the Dampener into the Pole. (The Dampener will "snake" up inside the Pole.)
4. When the Dampener is fully inserted, it will slip down to rest on the Foundation. It is IMPORTANT that the Dampener be lowered slowly, with the bottom end held tightly to one side in order to prevent damage to the Electrical Components.
5. Return the Handhole Door to the Pole.

CAUTION: Electrical inspection is again required to check the system and verify safe operation.

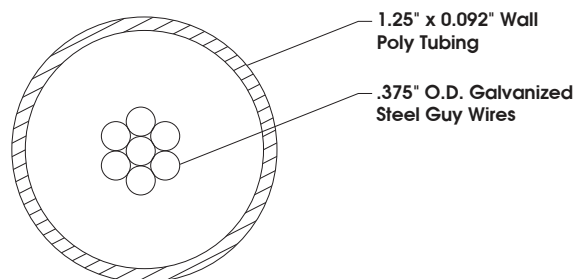
PROJECT NAME: _____

PROJECT TYPE: _____



VBMS-MS

Dampener Cross Section



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