

Spiral Vibration Damper

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

PLP's **Spiral Vibration Damper** reduces Aeolian Vibration (the high frequency, low amplitude vibration caused by horizontal wind passing across the line. It is designed to be used on OPGW and conductors with an outside diameter less than 0.75".

Features

- Made of solid thermal plastic
- Non-corrosive
- Effective in a broad range of frequencies
- No concentrated mass or clamping pressure that could damage guy wires
- Provides impact-reactive damper protection with helically-formed plastic rods
- Reduces vibration on smaller diameter cables
- Easy to install

Documentation

Application Procedures

[SP-2130-3 \(Spiral Vibration Damper\)](#)

[SP-3278-1 \(Subset Method for the Installation of Multiple Spiral Vibration Damper and FIBERLIGN® Dielectric Dampers\)](#)

Catalog Pages

[Spiral-Vibration Damper Catalogue](#)

Sales Materials

[Spiral Vibration Damper - Sell Sheet](#)

Reports & Manuals

[Aeolian Vibration Basics](#)

[Overhead Line Distribution Repair Manual](#)

Part Tables

RIGHT HAND LAY STANDARD.

CATALOGUE NO. SVD	CONDUCTOR DIAMETER (mm)	DAMPING LENGTH (mm)	TOTAL LENGTH (mm)
32	4,35 – 6,32	940	1200
34	6,33 – 8,28	990	1250
36	8,29 – 11,71	1040	1300
38	11,72 – 14,30	1070	1350
40	14,31 – 19,30	1150	1530

Selection and Placement Guide

1. METAL FREE SELF SUPPORTING FIBRE OPTIC CABLE APPLICATIONS

SPAN LENGTH	NUMBER OF DAMPERS
Up to 150 metres	2 dampers per span
150 metres to 350 metres	4 dampers per span (2 subsets of 2)
350 metres to 550 metres	6 dampers per span (2 subsets of 3)
*550 metres to 1 000 metres	9 dampers per span (3 subsets of 3)
*1 000 metres to 1 450 metres	12 dampers per span (4 subsets of 3)

2. OPGW AND METALLIC CONDUCTORS (I.E. AL. BASED DISTRIBUTION CONDUCTORS)

SPAN LENGTH	NUMBER OF DAMPERS
Up to 250 metres	2 dampers per span
250 metres to 500 metres	4 dampers per span (2 subsets of 2)
500 metres to 750 metres	6 dampers per span (2 subsets of 3)
*750 metres to 1 125 metres	9 dampers per span (3 subsets of 3)
*1 125 metres to 1 500 metres	12 dampers per span (4 subsets of 3)

Product Gallery