



**PREFORMED** LINE PRODUCTS  
The connection you can count on.

# SPIRAL VIBRATION DAMPER (SVD)

Standard and Hi Mass



COMMUNICATIONS



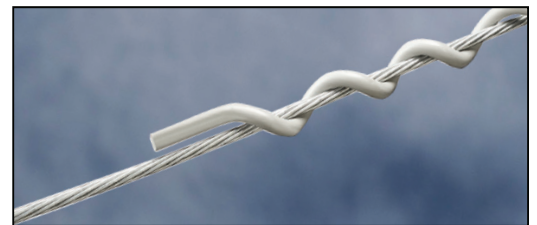
ENERGY



SPECIAL INDUSTRIES



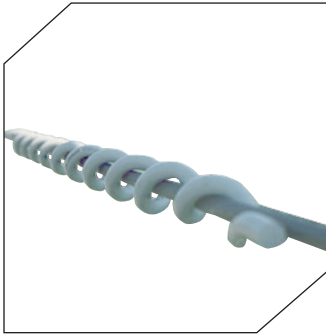
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## PLP® Distribution Products

# Spiral Vibration Damper (SVD)

SVDs are specifically designed to minimize abrasion and fatigue to conductor and strand from wind-induced vibration.



### Description

PLP's Spiral Vibration Dampers (SVD) effectively control aeolian vibration (high frequency, low amplitude) on small diameter cables and conductors. Aeolian vibration leads to cable fatigue, abrasion at supports, and hardware failure.

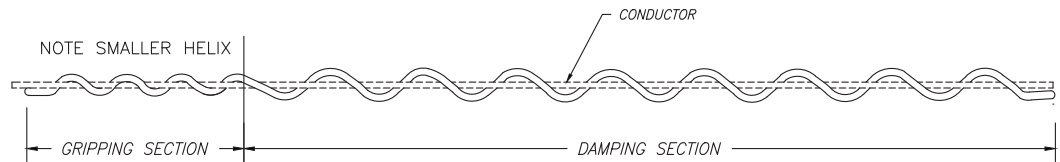
### Features

- For cables smaller than 0.76" in diameter
- Proven through extensive field and laboratory testing
- Provides impact-reactive damper protection with a helically-formed plastic rod that disrupts and eliminates vibration
- No tools required - easy installation

### Construction & Installation

- Solid thermoplastic rod construction
- Superior performance in corrosive and UV environments
- No clamping strain to damage conductor
- Not placement sensitive
- Up to **three** SVDs can be subset together in one location where the cable diameter is 0.461" and below
- On cables with diameters above 0.461", only **two** SVDs should be subset for optimal damping performance
- Ideal for use on:
  - Conductor
  - Strand
  - Overhead Shield Wire
  - OPGW

**Note:** For conductors and cables having an outside diameter greater than 0.76", utilize the PLP VORTX® damper. Contact your PLP representative for additional details.



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#### Standard Spiral Vibration Damper (SVD)

Catalog Number	Diameter Range inches (mm)		Length inches (mm)
	Min.	Max.	
5050102	.174" – .249" (4.4 – 6.3 mm)		46" (1168 mm)
5050103	.250" – .326" (6.3 – 8.3 mm)		49" (1245 mm)
5050104	.327" – .461" (8.3 – 11.7 mm)		51" (1295 mm)
5050105	.462" – .563" (11.73 – 14.3 mm)		53" (1346 mm)
5050106	.564" – .760" (14.3 – 19.3 mm)		65" (1651 mm)

#### Hi Mass Spiral Vibration Damper (HMSVD)

Catalog Number	Diameter Range inches (mm)		Length inches (mm)
	Min.	Max.	
5050200	.250" – .326" (6.35 – 8.28 mm)		87" (2210 mm)
5050201	.327" – .461" (8.31 – 11.7 mm)		91" (2311 mm)
5050202	.462" – .563" (11.7 – 14.3 mm)		94" (2388 mm)
5050203	.564" – .760" (14.33 – 19.3 mm)		97" (2464 mm)

**NOTE:** One Hi Mass Spiral Vibration Damper provides the effectiveness of two standard SVDs, allowing fewer points of installation.