

Detuning Pendulum

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

PLP's **Detuning Pendulum** is designed to minimize the amplitude of vertical conductor motion during a galloping event.

Features

Design

- Designed specifically for configuration needed (design and analysis).
- Can be configured for single, twin, tri, quad and hex bundle configuration.
- Armor rods are applied before Detuning Pendulum application in order to protect the outer aluminum strands from damage at the attachment location.
- Rubber sleeve provides an added layer of protection to the armor rods where the Detuning Pendulum is placed.
- Helical rods are used to attach the Detuning Pendulum to the conductor and help reduce the level of strain on the underlying armor rods.
- Designed to match the conductor spacing and conductor diameter for proper fit.
- 250°C Thermal Rating (Continuous)
- Weight varies between 25 lbs and 75 lbs depending on configuration.

Application

- Can be applied to a de-energized or live line
- Helicopter or bucket installation

Documentation

Application Procedure

[Detuning Pendulum - SP3249-1](#)

Catalog Pages

[Detuning Pendulum - Catalog](#)

Conductor Galloping Basics Report

[Conductor Galloping Basics](#)

Guide Book for Damaged or Worn Conductors

[Overhead Distribution Line Repair Manual](#)

Part Tables

Detuning Pendulum design and placement is project specific and requires analysis by
Performed Line Products.