FIBERLIGN® Spiral Vibration Dampers for ADSS

Weight: 0.00kg
Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

The FIBERLIGN® Spiral Vibration Damper effectively reduces levels of Aeolian vibration on ADSS cables without the need to calculate precise positioning. Each FIBERLIGN® Spiral Vibration Damper has a helically formed dampening section that contacts the cable to dissipate the vibration wave. A smaller gripping section gently grips the cable so that cable and fiber are not damaged or distorted and there is no optical signal loss. ADSS cables tend to vibrate with less wind energy input as compared to other cables of comparable size, mainly due to their relatively lighter weight. The degree of protection needed for a specific application depends on a number of factors such as cable type, line design, temperature, tension and exposure to wind flow.

Documentation

See Pages 3-9 Communication Catalogue

Part Tables

Part Number	Conductor Diameter Range (mm)	Standard Pack Qty	Colour Code	Material
OFSVD-0103-B	6.35 - 8.29	60	blue	Black PVC
OFSVD-0104-B	8.30 - 11.74	60	black	Black PVC
OFSVD-0105-B	11.75 - 14.30	60	yellow	Black PVC
OFSVD-0106-B	14.31 - 19.30	40	green	Black PVC
OFSVD-0108	19.58 - 22.25	25	-	Grey PVC
OFSVD-0109	22.25 - 25.5	25	-	Grey PVC

Spiral Vibration Damper Placement Guide

Span Length (m)	Standard SVD Quantities
<50	0
50-150	2
150-350	4
350-550	6
550 - 700	8
700 - 850	10
850 - 1000	12
1000 - 1150	14

1. SVDs may be subset together in sets of up to 3 apiece; do not place more than 3 SVDs together in a subset as this can cause them to bind and reduce their overall effectiveness.

2. SVDs have the advantage of being placement independent and may be placed at either end of the span, or on both ends if so desired. However, please note that SVDs are designed to be placed directly on to the conductor or shield wire and not on to rods or attachment hardware. A general recommendation, place SVDs on the bare conductor or shield wire approximately one hand's width away from suspension rods, dead-end rods, ties, etc.

3. Please consult PLP for recommendations when;
   * Flat open Terrain, river or gully crossings
   * Tensions are greater than 20% UTS
   * Aerial warning spheres are installed